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62.29

Illustrated Catalogue

1891.

OF

SELECTED
FIELD, GARDEN AND FLOWER
SEEDS.

Greenhouse
and
Bedding
Plants.

Mangelsdorf Bros. Company,

424 Commercial and 110 S. Fifth Sts.,

ATCHISON, KAN.

MANGELSDORF BROS. COMPANY,

1891.

ATCHISON, KANSAS.

1891.

IN presenting this, our Annual Catalogue, we want to thank each and every one of our customers for their patronage in the past year, and we again solicit their orders, and will be pleased to receive orders from every person who receives this catalogue.

Crops of many varieties of Seeds have been short the past season, and prices will be higher than they have been for several years. We have priced all articles in this catalogue as low as good reliable seeds can be sold at.

We would like to call your attention to our list of Novelties. They are selected with great care, and worthy of trial. Our assortment of Flowering Plants is larger than that of any house in the West, and we pride ourselves in sending out as fine plants as can be grown anywhere. We receive many testimonials each year in regard to the excellent condition in which our plants arrive at destination.

NOTICE.—Please Read Before Making Out Order.

For order you will find Order Sheet enclosed in this catalogue.

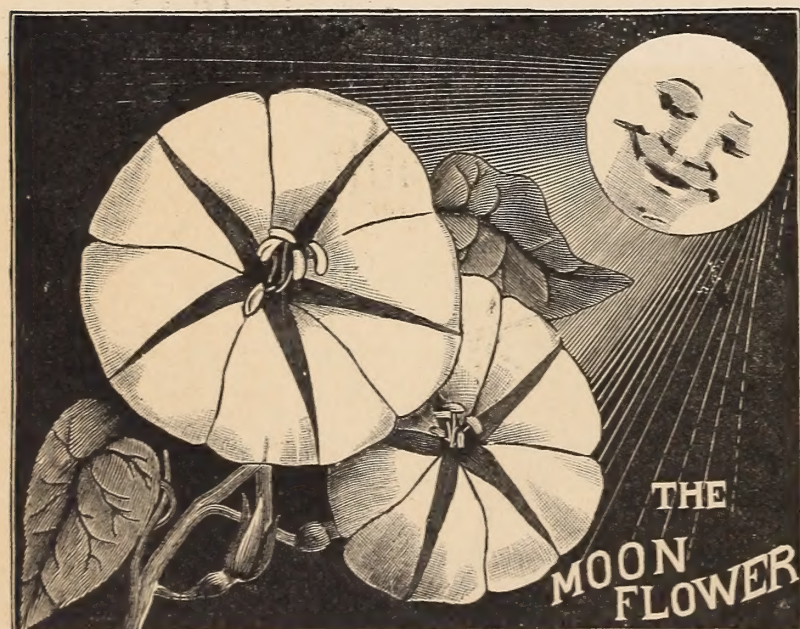
Write name and address plain; we frequently receive orders that are without name and post office address.

Always enclose cash with order; we keep no book account in our Retail Department.

Send Draft, Money Order or Postal Note at our risk; sums less than \$1.00 may be sent in postage stamps.

Our prices include Postage on all Vegetable Seeds, (except Beans, Peas and Corn,) Flower Seed, and all Seed in Packets.

WARRANTS. All seeds are selected with the greatest of care, but as the best of seeds will often fail to germinate, from causes over which we have no control, we give no warranty, expressed or implied, nor will we be responsible for the crop.



THE MOON FLOWER.

The most popular flower to-day in the whole length and breadth of the land is "The Moon Flower." Every one who has grown it has been pleased with it on account of its rapid growth, and the remarkable beauty of its flowers, which are of immense size, quite five inches in diameter, pure white, and starry in shape. Its flowers are very fragrant, having a rich, Jessamine-like odor at night, and produce a charming effect, shimmering in the moonlight, among its profuse foliage, so prolific is the plant that the flowers are produced in hundreds all over the twining branches. It is one of the most beautiful of all annual climbers, and it is impossible to over-rate its many excellencies adapting itself to every latitude. In the South, where it has a longer season to grow, it is claimed that it will climb, if "given rope enough," 150 feet high in one season. Per pkt. 10 cents; plants, each 10 cents.

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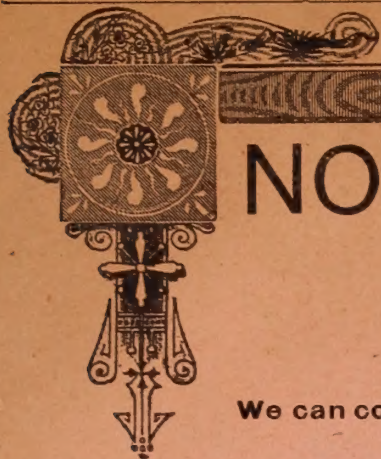
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NOVELTIES AND SPECIALTIES

FOR THE

FIELD AND GARDEN.

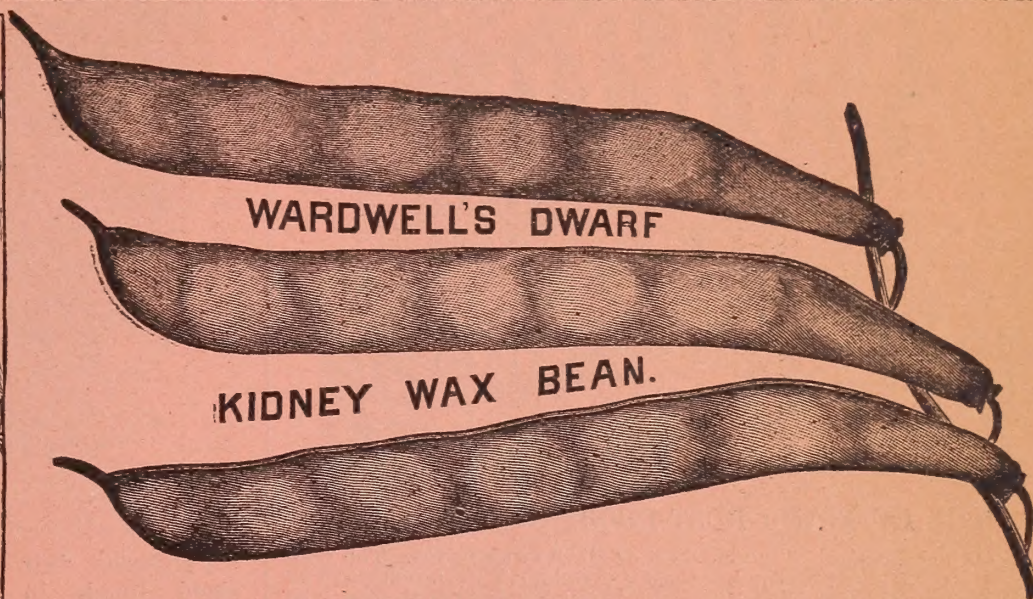
We can confidently recommend the following list of Novelties and Specialties, feeling that those who plant the varieties herein named, will make no mistake.

SPECIAL OFFER.

On all orders for Seeds in packets the purchaser may select Twenty-Five Cents' Worth Extra for each \$1.00 sent us. This discount applies Only to Seeds in Packets, and cannot be allowed on orders for Seeds by the ounce, quarter pound, pound, pint, quart, peck, bushel, or bulbs and collections.



A most desirable new variety, mammoth size, and remarkably uniform in size and color, retains the head close, almost to the end, until the shoots are quite long and tender. For flavor it has no equal. Shoots measure from one and three-quarter to two inches in diameter. At a low estimate, it will yield a profit of at least one-third greater than the ordinary sorts under the same conditions. In "Prize Taker Giant" we have a most desirable novelty of this popular vegetable. Pkt. 10c., oz. 15c., $\frac{1}{2}$ lb. 40c.; lb. \$1.25.



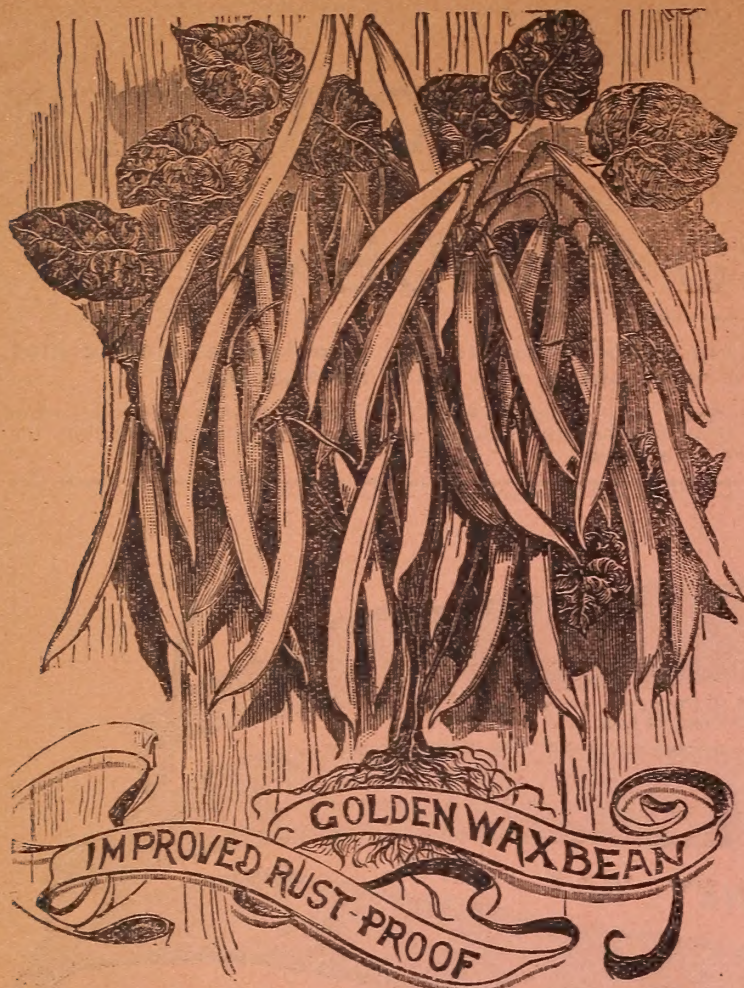
DWARF KIDNEY WAX BEAN.

Vines of medium size, erect, hardy, and productive. Pods long, broad, flat, and of a delicate waxy yellow, brittle and entirely stringless. Beans white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Prepared for the table it has a fine buttery flavor, and is destined to become the leading snap bean, as well as a strongly endorsed winter shelled sort. The yield considerably exceeds that of the common Golden Wax, and equally as early, a most acceptable improvement. Per pkt. 10c.; qt. 30c.; gal. \$1; bu. \$7.



PROLIFIC TREE BEAN.

The most prolific variety for field culture yet known; grows 18 to 20 inches high, branching out in all directions, bear its pods so high that they do not touch the ground; average yield 60 bushels per acre. They are much easier cultivated than small growing varieties with five to seven stalks in a hill, and much easier work to harvest them; they somewhat resemble the common navy bean, but are more rounded at the ends, and very white, cooking in much less time than the navy, and of a finer flavor. Pkt. 10c., qt. 25c., bu. \$4.50.



THE IMPROVED RUST-PROOF GOLDEN WAX.

Is the handsomest and hardiest of all the wax beans. The pods are straight, long and thicker than the Golden Wax, much superior in quality and absolutely rust-proof. It out yielded the Golden Wax two to one the past two seasons, and will become the most popular of all wax beans. Pkt. 10c., qt. 30c., gal. \$1.00, bu. \$7.00.

DWARF NEW FLAGELOT WAX BEAN.

The pods of this excellent variety are of very large size; sometimes ten to twelve inches in length, entirely stringless, very fleshy and of the finest quality, being exceedingly tender and succulent. It is equally good as a Shell Bean. Per pkt. 10c., qt. 30c., gal. \$1.00, bu. \$7.00.



EARLY DEEP HEAD.

A desirable second early variety. It is fully as early as the Brunswick, while the heads are as large round and considerably deeper. Leaves wrap entirely around the head and do not drop in hot weather as much as other varieties. It is also heavier, bulk for bulk than any other second early cabbage, and brings better prices in the market on account of its handsome appearance. A splendid keeper. Pkt. 10c., oz. 25c., 1 lb. 75c., lb. \$2.50.

GOLDEN SELF-BLANCHING CELERY.



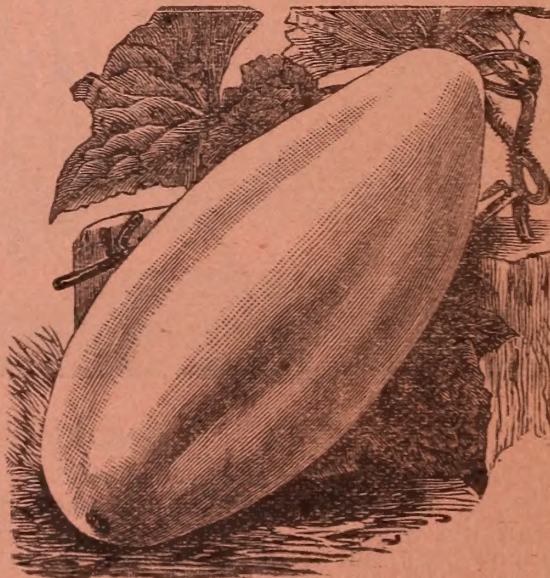
A most important acquisition and cannot be too highly recommended. Grown very largely the past three seasons by eastern truckers, and claimed to be the most profitable variety they ever had. Without banking up or any covering whatever, even the outer ribs become of a handsome fresh yellowish white color. The heart is large, solid and of a beautiful rich golden-yellow color. It is an excellent keeper. Pkt. 10c., oz. 50c., 1 lb. \$1.25, lb. \$4.00.

NEW EXPRESS.

Produces fair sized heads in eighty to eighty-five days from sowing of seeds; does not form as large a head as "Earliest Etampes," but is ahead of this variety several days. An important acquisition for the market gardener and those who grow cabbage for early market. Pkt. 10c., oz. 25c., 1 lb. 75c., lb. \$2.50.



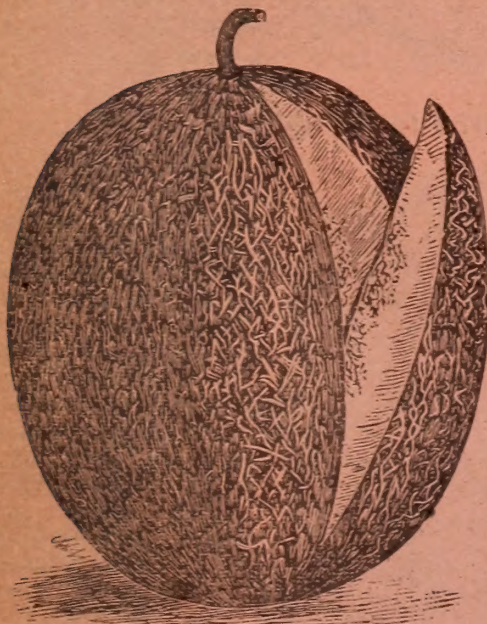
WHITE DUTCH CUCUMBER.



This fine variety from Germany grows to a large size, perfectly smooth and is of excellent quality and superior flavor. In beauty of form it is not equalled by any other cucumber, which renders it especially valuable for exhibition purposes. Color pure creamy white. Pkt. 10c., oz. 20c., 1 lb. 60c., lb. \$1.75.

**NEW SHORT TOP, GREEN KOHL RABI.**

This new and distinct small leaved Kohl Rabi is much superior to all other varieties. It is of handsome shape, exceedingly choice quality, and being of remarkably quick growth, it is of great value for early feed. Few persons are aware how excellent and delicious a vegetable this is cooked a little before full grown. It is also a long keeping and fine crop for sheep feeding. Pkt. 10c.; oz. 30c.

MILLER'S CREAM OR OSAGE MUSK MELON.**MILLER'S CREAM OR OSAGE MUSK MELON.**

their bright, fresh appearance and remain solid several days after being pulled. Pkt. 10.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25.

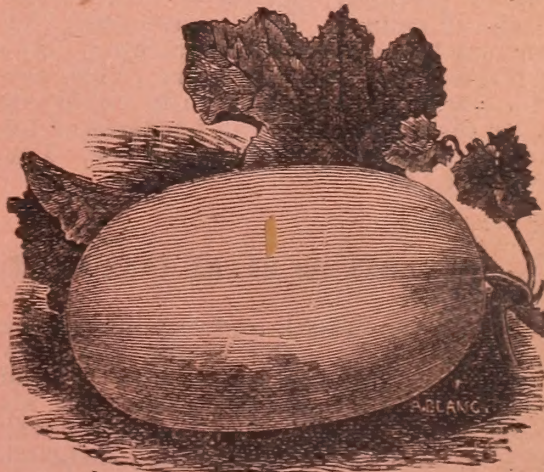
This splendid melon was thoroughly tested the past season by many of the best melon growers, and is pronounced by all one of the very best they have ever grown. The flesh is of a rich salmon color, very thick, sweet and melting in quality. The rind is very thin, slightly sutured and finely netted. They average about the size of the Golden Gem, but of handsomer shape and appearance, and what few have been marketed sold readily at 25 cents to 40 cents each. Vines grow strong and are very productive, covering the ground with fruit. They retain

GOLDEN BALL LETTUCE.

A most desirable-novelty from Russia, distinct from all other sorts; color a delicate golden-yellow, retaining the same beautiful color throughout the season, which enhances its value as a seller for market gardeners. It is very crisp, tender and excellent in flavor; in fact, it is the acme of perfection in the list of lettuces, and a variety that we can especially recommend for forcing or early spring crop. It is long standing, remaining fit for eating longer than any other sort with which we are acquainted. Do not fail to give "Golden Ball" a trial Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ -lb. \$1; lb. \$3.50.

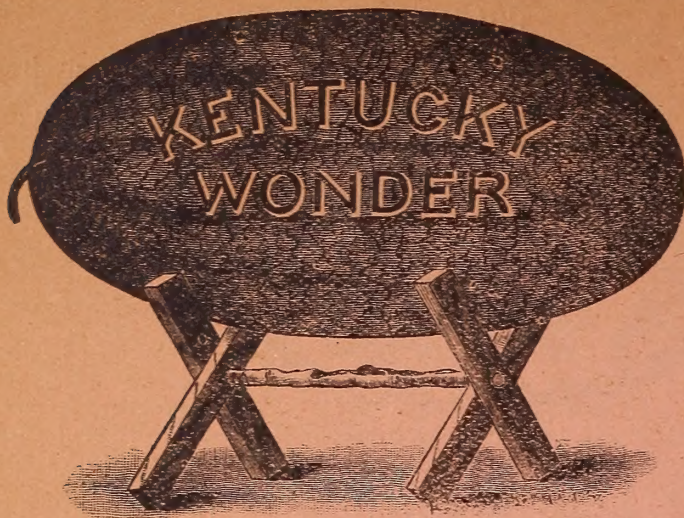
NEW EARLY HACKENSACK MELON.

In shape and color the New Early Hackensack is similar to the old favorite Hackensack, the only difference being its earliness, at least *ten days earlier*. By careful selection and improvement, carried on for some years by a large melon grower at Hackensack, New Jersey, this strain has been so developed that it produces melons with all the good qualities of the well-known Hackensack. The melons weigh from four to ten pounds each, are of the nutmeg shape, heavy netted, and have light green flesh of delicious flavor. Our seed has been grown from headquarters stock. Pkt. 10c., oz. 15c.; $\frac{1}{4}$ -lb. 40c.; lb. \$1.

MALTA WINTER CANTALOUPE.

Can be kept for months if picked before quite ripe. It is a handsome melon of oblong shape, blunt at both ends, and particularly so at the end farthest from the stalk; skin greenish white, entirely smooth, or with a few tracings on the part next the stalk; the flesh is very light green in color, and of delicious flavor.

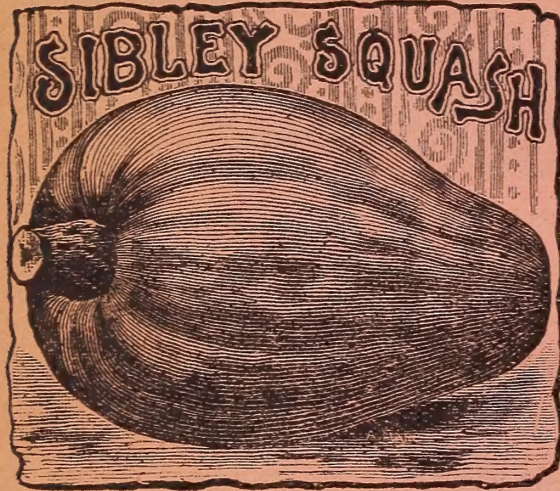
The melons are from seven to nine inches long, and weigh from four to five pounds. In the south of Europe this variety is very much grown for a late crop, and if stored in a dry place will keep until late in the winter. They are also preserved in sugar or converted into jam. Pkt. 10c.; oz. 30c.



KENTUCKY WONDER WATERMELON.

Kentucky Wonder three years ago won first prize over Iron-clad, Cuban Queen, and Kolb's Gem, for *finest flavor* and *best quality*. In 1886, several hundred free packets were sent to melon growers throughout the country for trial, and reports received well justified us in introducing this grand new melon to the public. Oblong in shape, skin dark green, flesh a beautiful scarlet color, crisp, and not tough, rich and sugary flavor, always firm and never mealy. Attains an average weight of forty to sixty pounds. Not a *mammoth variety*, but a real good, old fashioned Kentucky melon, that has no equal for quality. The best all around melon for home or market yet introduced.

Remember, Kentucky Wonder Melon has red seed, and none is genuine unless in our sealed packets. Pkt. 10c.



Accurately represented in the cut, is obviously entirely new, having the stem at the swelled end. The shell is a pale green in color, very hard and flinty, being at the same time so very thin and smooth as to occasion the least possible waste in baking. The flesh is solid, thick, a vivid brilliant

orange in color, and is possessed of rare edible qualities, being dry, and really wonderful for fineness of grain, and the rich and delicate flavor peculiarly its own. The weight ranges from eight to eleven pounds. It ripens so evenly that nearly the whole crop may be gathered at one picking. As a keeper, it excels all; remaining, in a good dry cellar, perfectly sound until the last of March—constantly improving in flavor and quality to the very last. The hardness of the shell renders it one of the finest shippers in existence. Pkt. 10c., oz. 20c.; ½ lb. 50c., lb. \$1.50.



SERPENT OR SNAKE CUCUMBER.

A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake, with the head protruding, and sometimes are six feet in length. The illustration well represents their shape, and, although they attain great size, the quality is only fair; grown more as a curiosity than anything else, and to exhibit at fairs, can also be used for pickling. Pkt. 10c.



GREEN AND GOLD WATERMELON.

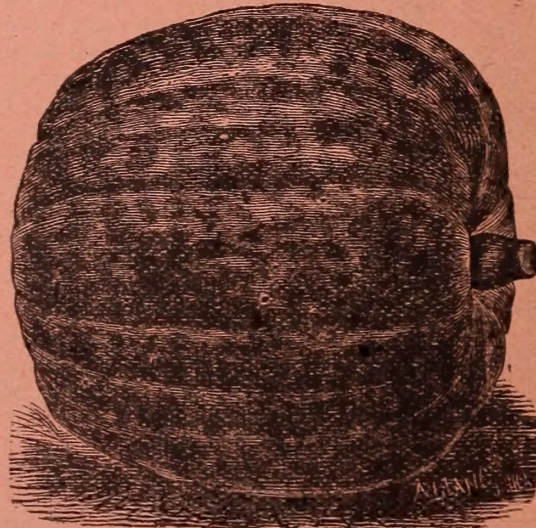
The largest early variety in cultivation, melons ranging from 2 to 40 pounds in weight; slightly oval, dark green outside, with blotches of fawn color when ripe. Flesh yellow as gold, sweet as sugar, and of unequalled flavor. Seed white, with a pink shade around the edges. The rind is very thin, white being only from ⅜ to ½ inch in thickness. When it comes to beauty and excellence combined, the Green and Gold takes the lead of all the early varieties. Pkt. 10c., oz. 15c., ½ lb. 40c., lb. \$1.25

TENNESSEE SWEET POTATO PUMPKIN.



Has no equal for making pies and custards; when cooked, it has somewhat the appearance of sweet potatoes but of more delicious taste, of medium size, pear shaped, a little ribbed, color a creamy white, sometimes striped with green, flesh thick, creamy white, remarkably fine grained, dry and brittle, hardy and productive, and keeps perfectly sound until late in the spring. A general favorite wherever known. If you want the best pumpkin known for cooking purposes, try the Tennessee Sweet Potato. Pkt. 10c., oz. 20c., ½ lb. 60c., lb. \$2.00, postpaid.

MAMMOTH CHILI SQUASH.



Grows to enormous size, having attained the weight of two hundred and ninety-two pounds. They are most profitable to grow for stock feeding, particularly when root crops are not largely grown. The outer color is a rich orange yellow, the skin is quite smooth with side fissures; the flesh is very thick, and rich yellow color, quality only medium, but very nutritious. It is the "Jumbo" of the squash family. Pkt. 10c., oz. 15c., ½ lb. 30c., lb. 90c.

THE SPANISH KING



This new and handsome variety is a splendid type of the Yellow Spanish Onion; the flesh is remarkably firm and of the finest quality, of rapid growth and matures early. Onions grown from the seed the first year rival the imported ones from Spain sold by confectioners and fruiterers in our large cities at from 25 to 60 cents each. The skin is of a transparent golden straw color, handsome in shape, well up at the shoulder, mild in flavor and a good keeper. The large size, small neck and extra fine quality of the Spanish King cannot fail to make it a popular variety for fam-

ly use, and one of the most showy onions for exhibition purposes or for sale in market, where its great size and beauty will bring extra prices. Pkt. 10c.; oz. 30c.; 1-lb. 90c.; 1b. \$3.

RUBY KING PEPPER.

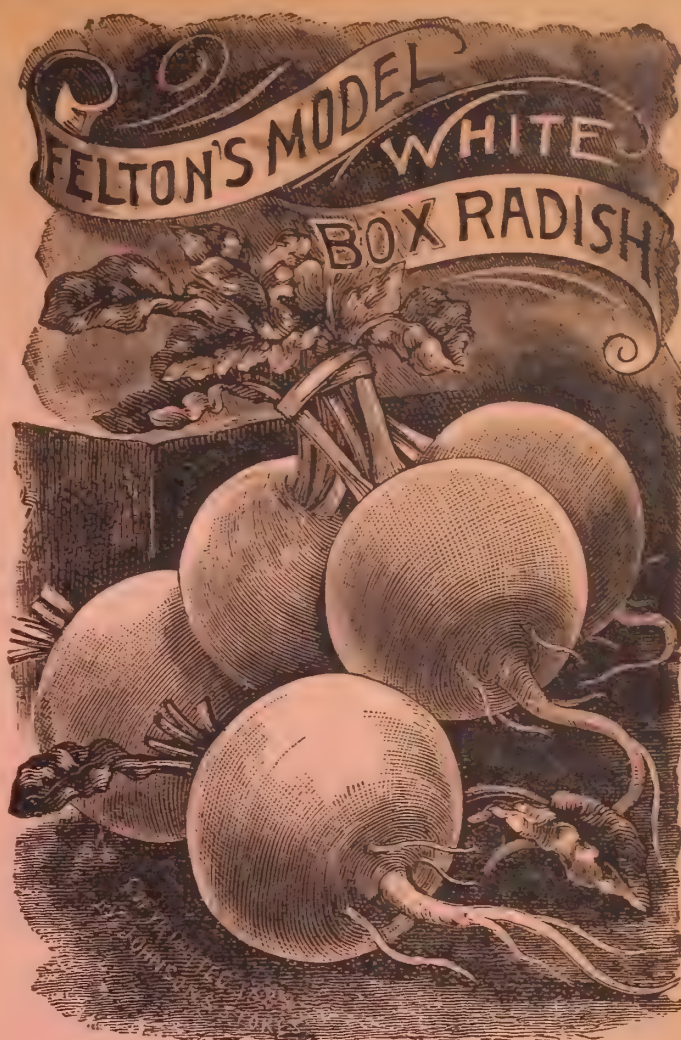


A mild-flavored pepper of recent introduction, of large size, from four to six inches long by three and a half to four inches thick; the plant is of sturdy, bushy habit, and each produces from six to twelve large, handsome fruits; when ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste; unequalled by any other variety; can be sliced and eaten with pepper and vinegar like cucumbers and tomatoes; easily gathered; not damaged by rough handling; requiring no preparation to fit them for

market, and good keepers. A most valuable acquisition to the pepper kingdom. Pkt. 10c.; oz. 20c.; 1-lb. 90c.; 1b. \$3.



This wonderful new radish has won golden opinions in all sections of the country; it is the earliest radish in cultivation. Their shape is globular, with deep rich scarlet top, blending into pure white at the bottom; tender, crisp and delicious, never becoming pithy or hollow. Very desirable for the market gardener. Pkt. 10c.; oz. 15c.; 1-lb. 40c.; 1b. \$1.



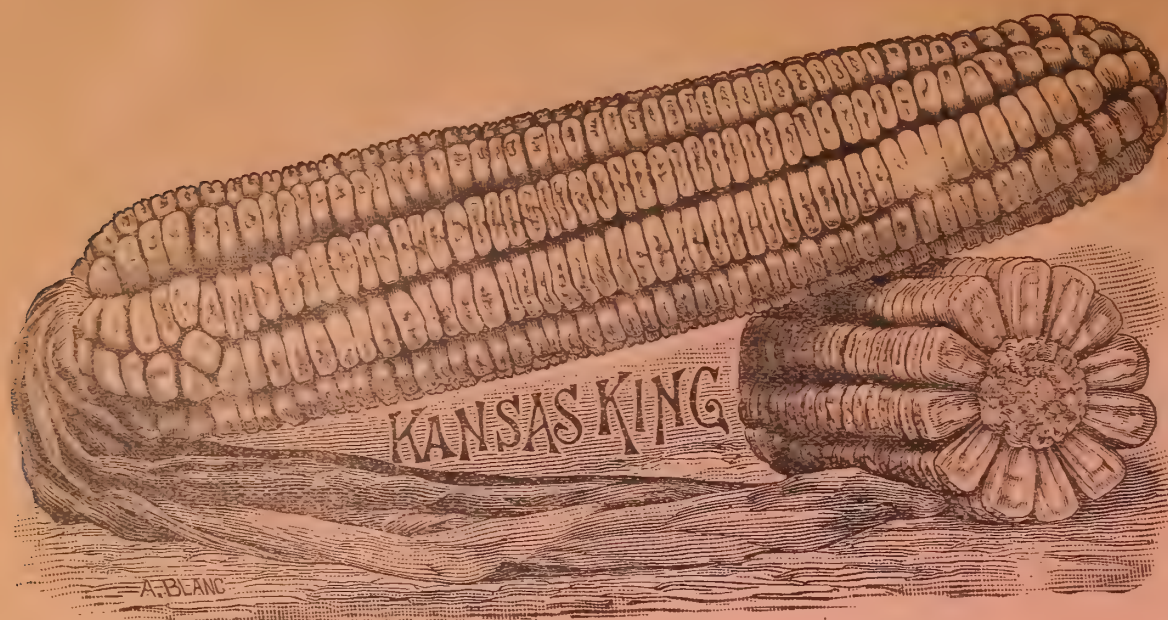
Improved by the well-known Philadelphia market gardener whose name it bears. It possesses all the excellent qualities of the now popular Philadelphia White Box, and is superior in the following respects: Firstly—The shape is rounder and much handsomer, as shown in our engraving, made from nature.

Secondly—It is earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, whether under glass in frames or boxes, or on squares or borders in open ground.

Thirdly—Felton's Model White Box Radish is indeed a model, perfect in all respects, being solid, juicy and unsurpassed in flavor in all stages of growth. Try it. Pkt. 10c.; oz. 20c.; 1-lb. 50c.; 1b. \$1.50.



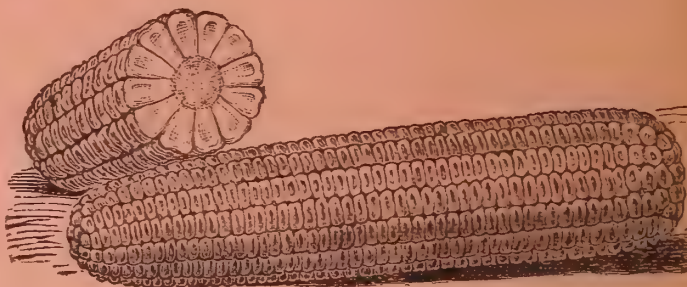
A French variety, standing up like a tree, without support of any kind, it bears abundantly; fruit large, smooth shape, bright red color, and fine flavor; of great value in forcing, as its extremely compact habit renders it well adapted for frame culture. A valuable and curious acquisition; very ornamental as well as useful. Pkt. 10c.

**WHITE KANSAS KING CORN.**

This new variety is the result of three years careful breeding of Champion White Pearl Corn to Hickory King. The strain we have now is a fine selected stock. It took more after the Hickory King than after the Champion White Pearl. It has medium high and very strong stalks and stands heavy winds and storms without being blown down. The ears set on heavy stems. It bears generally two ears to the stalk, and had some with as many as four to the stalk. The grains are long shaped like Champion White Pearl and the cob is small like Hickory King. The ears weigh heavy, averaging nearly one pound each and have 10 to 14 rows. This corn husks very easy. Notwithstanding the extreme drouth and hot winds prevailing here this season, we raised 50 bushels per acre of this variety. Pk. \$1.00, per bu. \$3.00.

GOLDEN BEAUTY CORN.

The Golden Beauty is a large and broad grained yellow corn. The ears are of perfect shape, with from ten to fourteen straight rows of bright golden yellow grains, filled out to the end of the cob. The cob is very small in comparison with the size of the ear, and when broken in half the grains will reach across. The richness of color and the fine quality of the grain makes it vastly superior for grinding into meal. The stalks take strong hold in the ground, grow vigorously to a height of eight to nine feet. Golden Beauty matures in one hundred and ten days from planting. We have many favorable reports from customers who planted this corn, yielding in many cases at the rate of one hundred and twenty-five bushels to the acre. Peck 50c., bushel \$1.50.



This corn belongs to the non saccharine sorghums, and was brought here from the arid plains of Palestine by a missionary, who gave two grains of it to a farmer in Phinney County. These two grains made 5 heads the first year, next season he got five bushels, and next season he planted 8 acres and gathered 200 bushels. It is pronounced the best and surest grain for dry countries and seasons even better than Kaffir corn, Dourra and Milo Maize. It grows about 3 feet high, makes one large head on main stalk, and several smaller heads on side-shoots; have seen as high as

8 heads on one stalk. The grains are pure white and nearly flat. Three pounds will plant an acre. The government experimental farm at Garden City raised a crop of it this season, and makes the following report:

From Henry Clay Brooks, Superintendent of the United States Experimental Grass and Forage Station.

GARDEN CITY, KAS., October 27, 1890.

This is to certify that I raised a fair crop of "Jerusalem Corn" on the unirrigated part of the United States Experimental farm the past season, which was the driest season in the past 15 years at this point. The record showing ten inches less rainfall this year than the average of the past fifteen years.

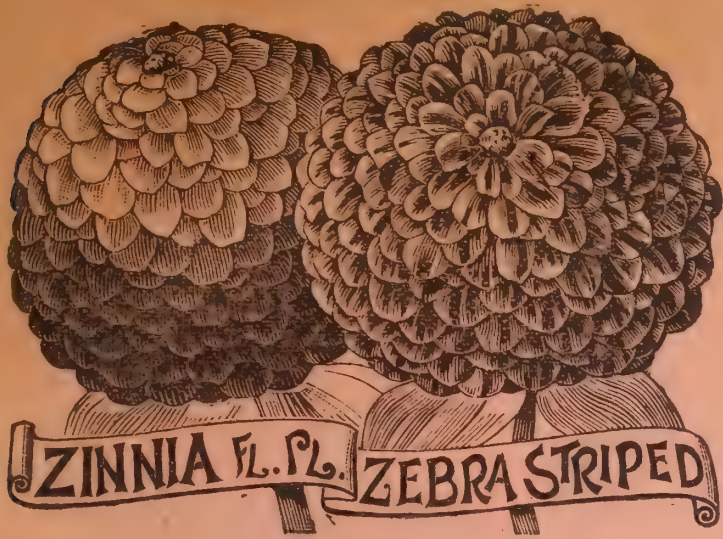
I had 90 acres in crop with different varieties of forage plants and the Jerusalem Corn was the only kind that did any good. I consider it good for both man and beast. I have experimented with it in fattening a hog and the hog is in as fine condition as I ever saw one. I have also used it in my family in the form of hominy and it certainly makes the best hominy that I ever ate.

H. C. BROOKS, In Charge.

Pkt. 10c., lb. 25c.

**NEW JAPANESE BUCKWHEAT.**

In 1883 a gentleman traveling in Japan, sent to a friend in New Jersey, about a thimbleful of this new variety. It was carefully planted and enough seed raised to sow one-half bushel in 1886 from which the crop was forty bushels. A few bushels of this was given out for trial among neighboring farmers, who were delighted with the enormous yields it produced. Sown at the same time with Silver Hull, it proved two weeks earlier and yielded twice as great. The kernals are twice the size of any other buckwheat, as shown in our illustration above; of a rich dark brown color and manufactures a superior flour. Owing to its branching character only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat must in time displace all others. Lb. 10c., peck 50c., bushel \$2.50.



DOUBLE STRIPED ZEBRA ZINNIA.

A superb strain of this very popular flower, the petals being distinctly striped, as shown in the illustration above. They run through all the shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. They are very compact in growth, and are far superior to those usually grown. Pkt 15c., 8 pkts. for \$1.00.

Double Zinnias are an acquisition to our list of garden favorites; of branching habit, and splendid brilliant colored flowers, rivaling the Dahlia in beauty and form. The seed can be sown early in the hot bed and transplanted, or sown later in the open ground; half hardy annuals. Pkt. 15c.

FOR

GENERAL LIST OF FLOWER SEEDS,

SEE PAGES 23 TO 26.

We *IMPORT* our *FLOWER SEEDS* from the most reliable growers in Germany, and as we use a great many of the seeds in our own greenhouses, we buy the finest strains that can be had.

IMPROVED IMPERIAL GERMAN PANSIES.

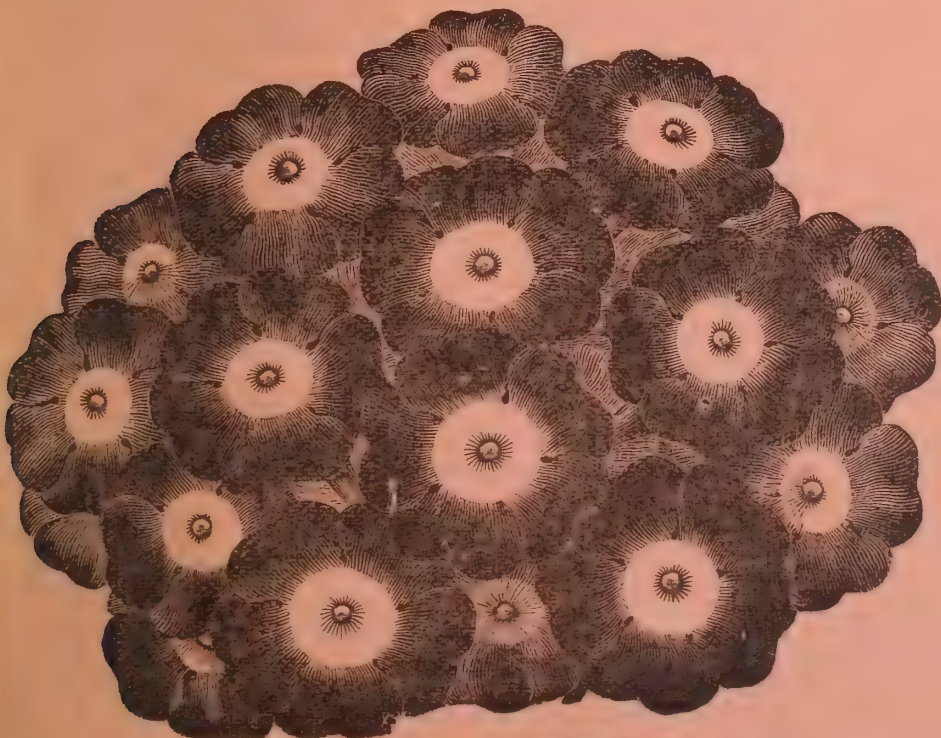
Lovers of flowers can receive no greater satisfaction for money expended than that which is spent for pansy seed, and it is not to be wondered at that it is so popular with rich and poor alike, considering the wonderful diversity of coloring and markings, beauty of form, and large size and satiny texture of the new strains of late introduction from Germany, such as the "Improved Imperial German," which stands unrivalled. This mixture embraces seed of more than fifty varieties; the most striking types and combinations of colorings that could be procured from famous growers in Germany. They embrace all the solid or self-colors, and contain those with ground color, light yellow; the lower petals blotched violet, the upper petals carmine edged with white; others with clear, distinct eyes; dark and light marbled varieties, large spotted, blotched, mottled, striped, chocolate, lilac, white borders, and an almost endless variety of charming shades of color that cannot be procured in any other strain of pansies, and at such a low price that everybody can grow pansies. Pkt. 15c.



NEW MAMMOTH VERBENA.

Hybrida Grandiflora.

If the rose is the queen of flowers, the verbenas are certainly a princess in the royal family. The purest, most vivid color borne by any petal is found on its face. Its crimson is unapproached by any color, and as a writer says, "Sets fire to the eye." The presence of this flower in the garden, therefore, is a desirable accession of sunny color, like a "stained window in a church." The flowers of the New Mammoth are of gigantic size—the largest Verbenas known; many single flowers being as large as a 25-cent piece, while the clusters of bloom are magnificent and the range of the color more varied than in any other mixture. Without doubt this is the finest and best strain of Verbena seed, for either the amateur or florist, in existence. Verbenas in quantity are more easily obtained from seed than from cuttings, and the plants are more robust in growth and produce more flowers than those propagated from cuttings. Hence the labor and cost of the old method of obtaining a supply of verbenas may be avoided. Plant them out where they are to bloom in rich soil and you will have plenty of brilliant flowers until killed by frost. Per pkt. 15c.



Will Mail the above Three Varieties for Twenty-five Cents.



MAD. AZALEA INDICA.

One of the showiest and prettiest of greenhouse shrubs; flowers are produced in great profusion, and are of various colors, from pure white to dark crimson. There are also striped and double varieties. Plants should be plunged in some shady place through the summer. Fine imported plants, Single and Double varieties, each \$1, \$1.50 and \$2.

BEGONIAS.



MANICATA AUREA.

Manicata Aurea. Its heavy, glossy leaves being boldly blotched with a rich golden cream, and a clear, carmine etching in the matured leaves; altogether making the handsomest variegated plant known. Strong plants, from 3 inch pots, 25 cents each.

Glorie de Juoy. A rich bronze green, with green pile, leaf large; a strong, free grower. Flowers of a clear pink color, very large, and borne in the greatest profusion during the entire winter. 25 cents each.

Decora. A shrubby, decorated variety, with dark green obliquely lanceolate leaves, profusely marked with oblong spots or dots of a silvery grey color; something of the character of Begonia Argyrostigma, but with spots more minute. It has been introduced from Brazil. 25 cents each.

Diadema. An elegant new Begonia, particularly adapted for house culture, its silvery dots and veins as well as the fine habit of its growth. As a market plant it will prove one of the best we have had for years. We predict that this variety will prove as valuable as the Rubra. 25 cents each.

Rex. In fine assortment named in twelve kinds; strong. 15 to 25 cents each.

ABUTILON.



ABUTILON ECLIPSE.

This is really one of the best of all pot plants. It will be hard in fact, to find many which are fully as desirable in every respect. In the first place, it is always in bloom. Every day in the year, its fine, light orange colored, bell shaped blossoms can be seen. Add to this, its lovely light green leaves, which are thickly spotted with yellow, making it one of the most beautiful foliage plants you ever saw, and its graceful, weeping habit, it makes a plant of peculiar value. For hanging baskets, pots, or vases, it is superb, while in the garden, it is one of the best and most attractive blooming and foliage plants that can be had. It is easily propagated, and large beds of it make a splendid show. Here it has proved to be one of the most attractive plants of recent introduction. Plant one of Abutilon Eclipse, and you will have a lovely plant which will be in bloom every day in the year. The plants we send out are already budded or blooming. 20 cents each; 3 for 50 cents.

READ! READ!!

Extract from the Daily Champion, Nov. 16th, 1890.

Hundreds of homes in this city are to-day beautified by the flowers and plants introduced by the capital, skill and taste of this enterprising firm. It has been a matter of personal pride as well as profit with the firm, to cultivate the taste for the beautiful among the masses. When they hear of some rare shrub or vine or flower, they immediately procure means to produce it in their establishment. People who come here from the Eastern States are astonished to see the beauty, variety and perfection of the flowers and shrubs that bloom and flourish in the yards and residences of the city. Nearly all of the 154 varieties of chrysanthemums in the exhibition were grown in the greenhouse and gardens of Mangelsdorf Bros. Company. Flowers reach the heart and elevate the nature of human beings, just as music, painting, sculpture and literature do; and the man who gratifies the taste for flowers is one of the benefactors of humanity.

Mangelsdorf Bros. Co. have introduced in this city not only the old time standard flowers, but every new flower, shrub or plant that has been developed by modern skill and experiment in floraculture. Among them are the "Improved Imperial German Pansies," and the "Moon Flower." The latter is five inches in diameter, and it emits a most delicious odor. It grows upon a vine, which many times reaches a length of 150 feet.

The firm has not only filled this city with flowers, but has furnished roots, bulbs, slips and seeds for all the surrounding country. In addition to this, they are prepared to execute orders for every kind of floral decoration, with the choicest and freshest flowers, arranged in the most artistic manner, for all occasions, and at the shortest notice. They pack the flowers in such a manner, that even in the hottest or coldest weather, they will stand a journey, by express, of two days.

For General List of Plants, see pages 26 to 39.

VEGETABLE SEEDS.

Our list of Vegetable Seeds embraces all the well known standard varieties, and also such of the new varieties as have proved to be suitable and profitable for general cultivation in our soil and climate. We have endeavored to describe the different varieties, so that their character and value may be understood, and given such simple directions for culture as with a little care will insure success.

ASPARAGUS.

Soak the seed twenty-four hours in warm water, and sow very early in the spring, thinly, in rows one foot apart; keep clean by frequent weeding and hoeing. At one or two years old, transplant to permanent beds.

Conover's Colossal.—The best variety, tender, productive and of excellent quality. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

BEANS, DWARF.

Under this name are classed all the low growing sorts. They are so sensitive to frost and cold that it is useless to plant them before the middle of spring, when the ground has become warm and light. Plant two or three inches apart, in two and a half feet drills. They do best in light and rich soil.

For postage, add 15 cents per quart when ordering to be sent by mail. Pints will be furnished at quart rates; $\frac{1}{4}$ bushel at bushel rates. Packages of any variety postpaid.

Early China. A very early and excellent variety, both for snaps and shelled beans. Seeds white, with bright red eye; round, oval shape. Pkt. 5c., qt. 20c., gal. 65c., bu. \$4.75.

Early Valentine. A most excellent sort, having round, fleshy pods, which remain a long time brittle and tender, very early and a good bearer. Pkt. 5c., qt. 20c., gal. 65c., bu. \$4.75.

Early Long Yellow Six Weeks. Hardy and prolific; seeds yellowish drab. Pkt. 5c., qt. 20c., gal. 65c., bu. \$4.75.

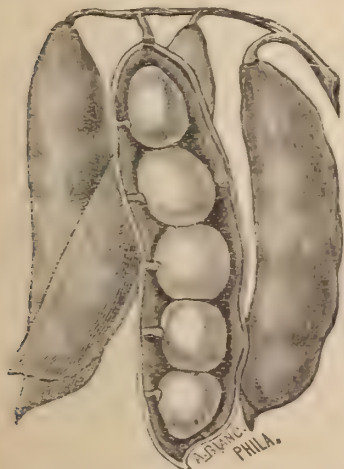
German Black Wax or Butter. (Stringless.) An excellent and much esteemed bean, with transparent, wax yellow, tender pods. Pkt. 5c., qt. 25c., gal. 85c., bu. \$6.00.

Golden Wax. (Stringless.) A week earlier than the Black Wax; pods large, long and brittle, of a rich golden wax color. Pkt. 5c., qt. 25c., gal. 85c., bu. \$6.00.

Large White Kidney. One of the best late kinds; pods long, and rather flat, beans white, kidney shaped. Excellent green, and equal to any in a dry state. A good sort for field culture. Pkt. 5c., qt. 20c., gal. 60c., bu. \$4.50.

BEANS, POLE OR RUNNING.

All described under this head require poles. They are planted at the same time with the Dwarf Beans, and like them require a warm, mellow soil.



LARGE LIMA BEAN.

Large Lima Bean. A large, late bean, with broad, rough pods, seeds white. It bears profusely until killed by frost. Pkt. 5c., qt. 30c., gal. \$1.00, bu. \$7.00.

New Challenger Lima. This variety, it is said, will yield more than any other Lima. Very compact, and pods generally contain five to six beans. Pkt. 5c., qt. 35c., gal. \$1.10, bu. \$6.00.

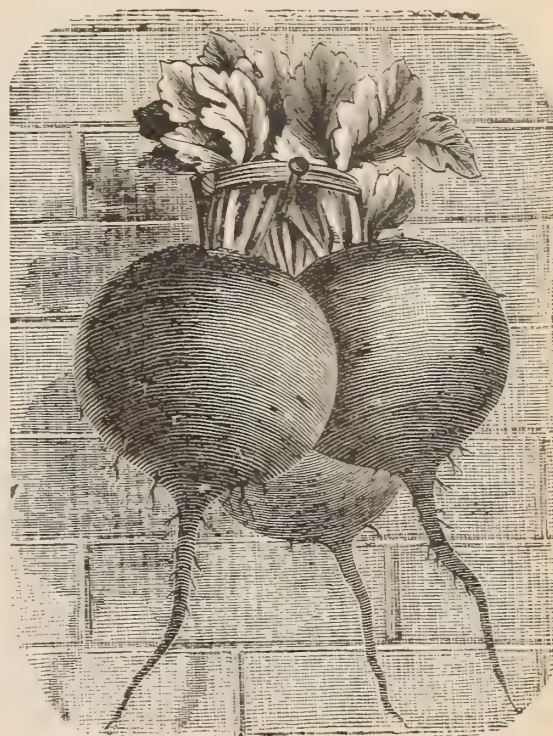
Horticultural Cranberry. A medium sized, oval bean, light red and creamy color, speckled pods striped with red; very productive. Will do well planted with corn. Pkt. 5c., qt. 25c., gal. 85c., bu. \$6.00.

Early Dutch Case Knife. The earliest of pole beans, with very long, flat pods; beans white; very good green or dry; an abundant bearer. Pkt. 5c., qt. 25c., gal. 80c., bu. \$5.50.

Cut Short. A well known and favorite corn field bean. Pkt. 5c., qt. 25c., gal. 85c., bu. \$6.00.

BEETS.

For early beets, sow as soon as the ground will admit, in drills fourteen inches apart, and thin to six inches. For winter, sow about the middle of spring.



EDMUND'S IMPROVED BLOOD TURNIP BEET.

Of handsome, round shape, the skin is very deep blood-red in color, the flesh also very dark, and exceedingly sweet and tender in quality. The beet grows regularly, of good marketable size, not growing over large and coarse, as do many sorts of the turnip beet when they have plenty of room. This characteristic, together with the fact the top grows very small, and having but a single tap root, allows their being grown very near together. They mature early and have given the very best satisfaction as a bunch beet in the markets of Boston. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 90c.

Eclipse. Is as early as the Egyptian, and much more desirable, owing to its globe shape, great smoothness and regularity, very sweet, flesh fine, and dark blood color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Egyptian Turnip. Very early, deep red color, and tender. Valuable for market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Extra Early Blood Turnip. The standard early sort, blood-red, turnip-shaped, with small top and tap root; very tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Bastian's Early. Color bright red, root uniform and of fine shape; best second early. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Long Smooth Blood. A long smooth beet, growing to a good size, half out of the ground, color dark blood red, top small, keeps well. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Long Red Mangel Wurzel. A large, long variety, grown for stock feeding. Pkt. 5c., $\frac{1}{2}$ lb. 15c., lb. 35c.



NEW GOLDEN TANKARD MANGEL.

This is a distinct and superior strain of the Yellow or Golden flesh Mangel, being much finer and firmer in the flesh, and containing more sugar. A special feature is its rich, deep yellow color, differing in this respect from the other varieties, which cut white and far exceeding them in nutritious and milk producing qualities. On account of its peculiar shape, enormous crops are grown when the plants are set out closer in the rows than in ordinary Mangel crops, it having yielded upwards of seventy-five tons per acre. *Dairy farmers use this Mangel extensively, as stock fed on it thrive far better than on other kinds, and will pick it out with eagerness when given to them mixed with white-fleshed sorts.* It is hardy, and valuable for feeding on the ground. Oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 50c.

BROCOLLI.

Of the cabbage family, but more hardy. Sow the seed in the early part of May and transplant in June.

Purple Cape. Greenish purple heads. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 80c., lb. \$2.50.

BRUSSELS SPROUTS.

Not used to any great extent in this country, probably owing to its extreme tenderness in our climate, therefore many have but slight knowledge of its fine flavor and delicious quality. Sow in a hot bed in April or May and transplant in July.

Dwarf Improved. A new variety, and the best. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 40c., lb. \$1.25.

CABBAGE.

The early varieties are sown in hot beds during February and March, and in cold frames under glass in April, and for late crops in the open ground through the month of May. For the fall and winter crop of late cabbages, the seed should be sown in the month of June, indeed, almost to the end of the month will do. Plants raised and transplanted during the month of June are much more sure of heading, being out of the hottest sun, and are more inclined to grow low to the ground. The early varieties may be transplanted in rows eighteen to twenty inches apart, and twelve to fifteen inches distant in the row. The latter varieties should be set twenty or more inches apart, in rows two feet or more apart.

Early Etampes. About ten days earlier than "Wakefield," unsurpassed in quality, beauty and vigor of growth. In shape the heads are slightly conical, very solid and firm. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 65c., lb. \$2.00.

Early York. A well known early variety. Heads small, rather heart shaped, firm, very tender and excellent flavored. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 40c., lb. \$1.25.

Early Jersey Wakefield. A favorite market variety, of medium size, and pretty sure to head. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 75c., lb. \$2.50.

Early Winningstadt. Large, cone-shaped, solid heads, of fine quality. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 45c., lb. \$1.25.



EARLY FLAT DUTCH.

Early Flat Dutch. Medium size, solid head and short stump. Early, and of good quality; heads well. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 65c., lb. \$2.00.

All-Season Cabbage. As its name indicates, it can be planted at all seasons, and makes both a splendid early and late variety. It forms a fine, large, hard head, of superior quality. It is a valuable acquisition. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 75c., lb. \$2.50.

Henderson's Early Summer. Second early variety of great merit; heads large and compact; very valuable for market gardeners. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 75c., lb. \$2.50.

Fottler's Improved Brunswick. Excellent for second early or late. Heads large, and of fine quality. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 65c., lb. \$2.00.

Premium Flat Dutch. Superb, large, low growing cabbage, heads broad and flat, flat top very close and hard, with but few outside leaves; a fall and winter variety; tender, and one of the very best to keep. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 70c., lb. \$2.00.



PREMIUM FLAT DUTCH.

Large Late Drumhead. Large fall and winter variety, with broad, flat or round heads, very compact. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 70c., lb. \$2.00.

Drumhead Savoy. Grows to a large size, and quite firm. The Savoy approach nearer to the delicious richness of the cauliflower than any of the other cabbages. Sow early. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 65c., lb. \$2.00.

Stone Mason. Heads large and solid, and of good quality. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 65c., lb. \$2.00.

Red Dutch or Pickling. An esteemed variety for pickling. Medium size. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$1.75.

Marblehead Mammoth. Without doubt the largest variety of the cabbage family in the world. Pkt. 5c., oz. 25c., $\frac{1}{2}$ lb. 75c., lb. \$2.50.

CAULIFLOWER.

Cultivate the same as cabbage.

Early Snowball. A sure heading sort: large and solid, heads white, and of excellent quality. Pkt. 50c., $\frac{1}{2}$ oz. \$1.75, oz. \$3.00.



SNOWBALL CAULIFLOWER.

Early London. A fine variety. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

Veitch's Autumn Giant. Produces large, white heads, and comes to maturity early in autumn. Pkt. 15c., $\frac{1}{2}$ oz. 35c., oz. 60c.

CARROTS.

Sow during any of the spring months, in drills from twelve to fifteen inches apart; thin to three or four inches in the drill.

Ox Heart. (*Stump rooted.*) An intermediate between the half long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and color. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 30c., lb. 75c.



OX HEART.

Early Horn. Shorter than most of other sorts, deep orange, fine grained, and agreeably flavored, top small. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 25c., lb. 70c.

Danver's Intermediate. Half long variety. In color it is of a rich shade of orange, smooth and handsome. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 25c., lb. 70c.

Long Orange. The standard sort. Roots long, smooth, and deep orange; suitable for the table, and the main field crop. Pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 25c., lb. 70c.

CELERY.

To have celery early, it should be sown in hot beds quite early in the spring, and when three inches high, planted out in a well prepared bed, which must be covered with boards or mats in frosty weather. For the principal crop, sow early in the spring, in a seed bed. When the plants are about six inches high, transplant them six inches apart, into trenches, for blanching.

White Plume. A new variety, exceedingly ornamental to the table, and very crisp and solid, possessing a fine, nutty flavor. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 70c., lb. \$2.00.

Boston Market. Of low growth, branching, compact, solid; a favorite with gardeners. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$1.75.

White Solid. Large size, clear white, solid and crisp. Pkt. 5c., oz. 20c., $\frac{1}{2}$ lb. 60c., lb. \$1.75.

Celeriac, or Turnip Rooted. Turnip shaped bulbs, with celery flavor. Pkt. 5c., oz. 15c., $\frac{1}{2}$ lb. 50c., lb. \$1.50.

CORN.

Drop in hills three feet apart, and leave four plants to the hill. Plant at intervals of ten days, from early spring to mid-summer, which will insure a constant supply of green corn throughout the season.

For postage add 10 cents per quart, when ordered to be sent by mail. Our prices by the bushel, include new bags.

EARLY MARBLEHEAD.

Early Marblehead Sweet. The earliest of all; of fair size, and very sweet. Pkt. 5c., qt. 20c., gal. 60c., bu. \$3.50.

EARLY MINNESOTA.

Early Minnesota Sweet. Very early, and of excellent quality. Pkt. 5c., qt. 15c., gal. 50c., bu. \$3.00.

CORY SWEET.

Cory Sweet. A new variety of Sweet Corn, and said to be the earliest in cultivation; the ears are much larger than any of the other early varieties; quality very fine. This sort has been carefully tested, and is believed to be of exceptional value, combining earliness, size and fine quality. Pkt. 5c., qt. 20c., gal. 60c. bu. \$3.50.



CORY SWEET CORN.

Egyptian Sweet. One of the best of the large varieties, very sweet and tender, and of delicious flavor; invaluable for canning. Pkt. 5c., qt. 15c., gal. 50c. bu. \$3.00.

Evergreen Sweet. Hardy and productive, very tender and sugary, remaining a long time in a condition suitable for boiling. Pkt. 5c., qt. 15c. gal. 50c., bu. \$3.00.

Mammoth Sweet. One of the largest varieties of sweet corn, and late; very productive and rich flavored. Pkt. 5c., qt. 15c., gal. 50c., bu. \$3.00.

CORN SALAD.

Sow early in the fall or spring in shallow drills about twelve inches apart; cover lightly, and if very dry, water occasionally. To protect through the winter cover with straw.

Large Leaved. The best variety cultivated. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

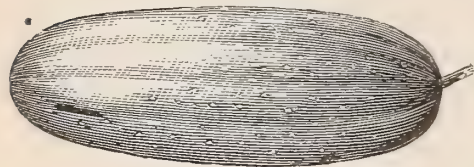
CRESS.

Sow thickly in shallow drills, every two weeks throughout the season. Give occasional watering in dry weather.

Curled, or Pepper Grass. A well known sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c. lb. 75c.

CUCUMBERS.

Drop in hills four to six feet apart, as soon as the weather becomes settled and warm, eight or ten seeds in a hill; and when out of danger of insects, thin to four plants in a hill. From June to August is the time to sow for picking.



WHITE SPINE CUCUMBER.

Early Russian. Valuable on account of its extreme earliness and prolific character; about three inches long when fit for use. Flavor pleasant and agreeable. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c. lb. 75c.



LONG GREEN CUCUMBER.

Early Cluster. A short, prickly seedy variety, bearing in clusters near the root; comes to maturity very early. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early Frame. The standard sort for table and pickling; of medium size, straight and handsome. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Green Prolific. Excellent variety for table use, being very tender and fine flavored, and makes a hard green pickle. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Tailby's Hybrid. New variety; in size it is larger than the White Spine, often growing to the length of twelve inches; enormous cropper; very hardy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Improved White Spine. The best sort for the table; grows uniformly straight and smooth, dark green, with white prickles, tender and excellent flavored. The fruit retains its fresh appearance much longer than any of the yellow varieties. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

London Long Green. Excellent variety, about one foot in length, dark green, firm and crisp. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

ENDIVE.

Sow from late in the spring to the middle of summer, in shallow drills; thin the plants to one foot in the drills, and when fully grown, tie over the outer leaves of a few plants every week or fortnight in dry weather, to blanch.

Green Curled. Hardy variety, with beautiful curled dark green leaves; very crisp and tender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



EGG PLANT—IMPROVED NEW YORK PURPLE.

German Green. Very hardy; leaves, yellowish green and finely fringed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

KOHLRABI OR TURNIP ROOTED CABBAGE.

Cultivated same as directed for cabbage, taking care to set the plants no deeper than they stood in the seed bed, and in hoeing not to heap much earth about them.

Early White Vienna. The earliest and best for forcing; very tender, excellent for table use. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Large Green. A good sort for summer and autumn use. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

LETTUCE.

The early sowing may be made under glass in February or March, keeping the plants thin, and admitting plenty of air every fine day. For the late crop, sow in open ground as soon as the season will admit; thin by transplanting to a foot apart. Transplanting is necessary to make good heads. The cabbage sorts are best for summer crop.

New Oak Leaved. This differs from all other varieties, in the fact of its having oak shaped leaves, which are light green, and very tender; very slow in running to seed; heads compact. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Curled Silesia. A superior early variety, of very strong growth; leaves large, light yellow, wrinkled, large, loose head of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Simpson's Early Curled White Seed.

Simpson's Early Curled Black Seed.

An improved variety of the Early Curled Silesia; good for forcing, and a desirable market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.



EARLY WHITE CABBAGE.

Prize Head. Forms a mammoth head, and remains tender and crisp throughout the season; prompt to head, but slow to seed; of superior flavor, and very hardy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Hanson. Large solid, and of fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Malta, or Ice Drumhead. Very large and superb. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Brown Dutch Winter. A hardy sort, medium size, fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

EGG PLANT.

Sow early in the spring, and transplant to two and one-half feet apart each way, in very rich warm ground.

Improved New York Purple. Very large excellent and productive; undoubtedly the best sort grown. Pkt. 5c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.

KALE OR BORECOLE.

Cultivated as cabbage.

LEEK.

Sow early in the spring, in drills fourteen inches apart, and thin to six inches. Hoe the earth up to them in the course of cultivation.

Large Scotch, or Flag. Broad leaves, growing on four sides, like flag; a favorite variety. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c. lb. \$1.25.

MELON, MUSK.

Late in the spring, drop a dozen seeds in hills five to six feet apart, and when out of danger from insects, thin to three or four plants to the hill. When the fruit will drop from the stem, it has arrived at perfection.

Golden Gem. Uniform in shape and size, skin green and thickly netted, flesh of a light green color, the inside surface, when cut open, being a beautiful golden color. They are extra early in ripening, and produce better than any other variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

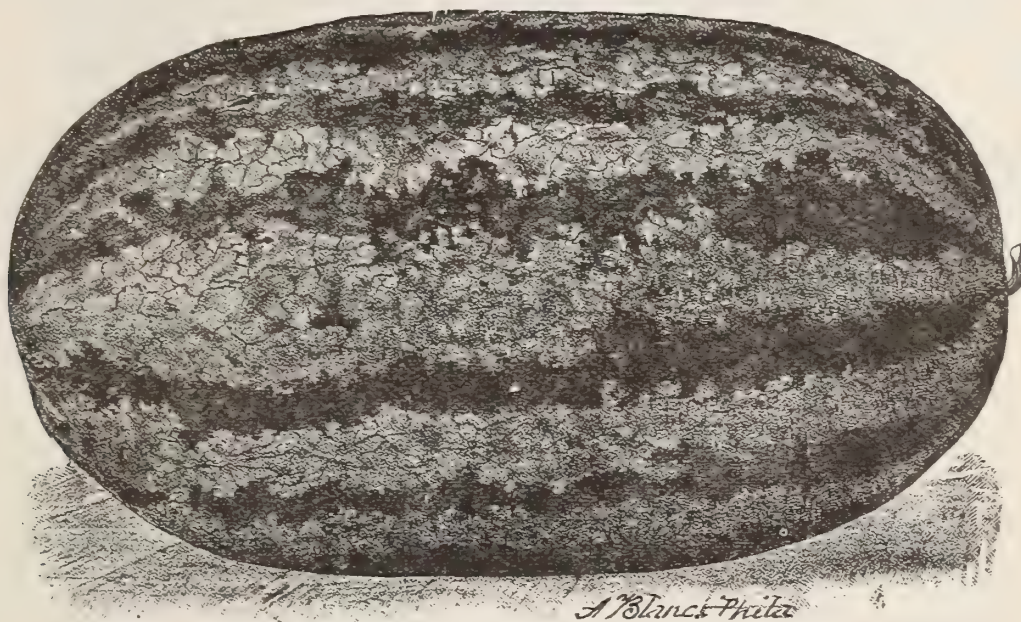
Mammoth Iron Clad. Shape most perfect, skin handsomely striped, flesh beautiful scarlet, of most delicious, rich, sugary flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Ice Cream. Medium size, oblong shape, and thin rind, flesh bright crimson, and of fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Scaly Bark. An excellent variety, of great value; remains in choice eating condition from ten to fifteen days after being pulled; flesh light crimson, solid, tender, and of fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cuban Queen. Skin beautifully striped dark and light green, flesh bright red, solid and crisp; its great size and handsome appearance, make it a valuable market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Striped Gipsy. Oblong, light green, striped with white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



IRON CLAD WATER MELON.

Montreal. Grow to a large, uniform size. The flesh is remarkably thick, and of good flavor for so large a melon. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Surprise. Very fine melon, thick fleshed, and of excellent flavor. It is round, with a thin, cream colored rind, thickly netted; flesh of a deep salmon color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Skillman's Fine Netted. A rough, netted variety; flesh green, very thick, firm, sugary, and of the most delicious flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



IMPROVED NUTMEG.

Improved Nutmeg. Is globular shaped, flesh green, and very highly scented. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Large Yellow Cantaloupe. Good sized, nearly round fruit, netted and slightly ribbed; flesh salmon colored, thick, musk flavored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

MELON, WATER.

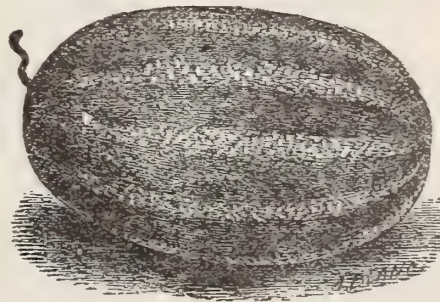
Plant in hills eight feet apart, in a sandy soil, as early as can be done with safety from frost, so that the fruit may come to maturity in the warm season, when they are most agreeable.

Kolb Gem. Is a hybrid of Scaly Bark and Rattlesnake. The rind, though quite thin, is very tough; best keeping and shipping melon ever grown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Phinney's Early. Very early, and of good quality, flesh deep red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Black Spanish. Round, very dark green, flesh scarlet, has a thin rind, and very sugary flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Mountain Sweet. Is the sweetest and most delicious of all water melons; shape long and oval, color dark green, flesh scarlet, solid and melting, rind thin. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



PHINNEY'S EARLY.

Mountain Sprout. A large, long shaped variety, with bright scarlet flesh. A standard variety. Pkt. 5c. oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Citron, for Preserving. Grows uniformly and smooth, striped and marbled with light green, flesh white and solid. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

MUSTARD.

For salad, it is sown thickly, and used like common cress.

The White is usually preferred for salad. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

ONIONS.

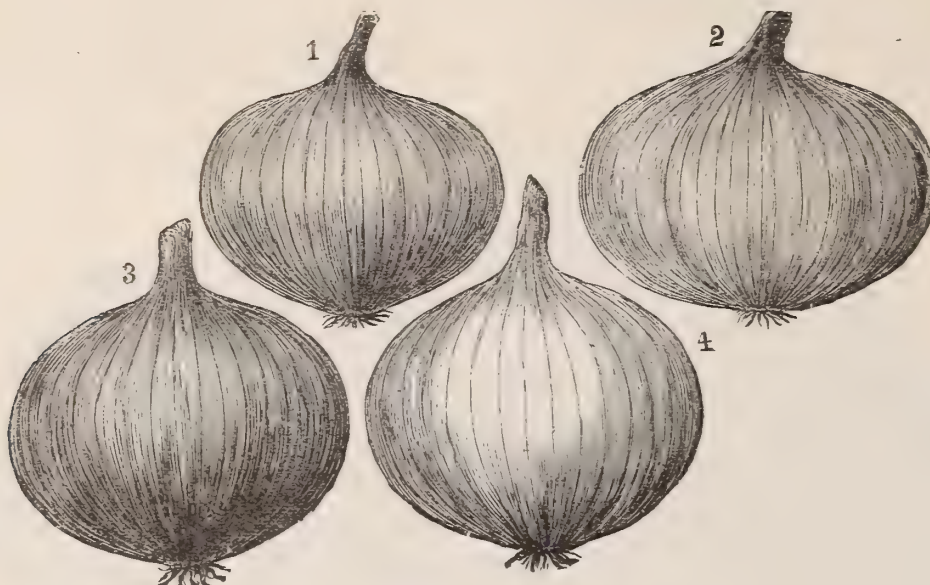
Sow in the earliest opening of spring, in light, rich soil, in drills twelve inches apart, covering the seed lightly. If large onions are wanted, thin to three or four inches. For field culture, sow from four to six pounds of seeds to the acre. Onion sets and top onions are set out in the spring or fall, in shallow drills twelve inches apart, and six inches between them, on rich and well prepared soil.

Extra Early Red. Smaller, lighter colored, and more flat shaped than the Large Red, close grained and heavy. Very productive. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Wethersfield, Large Red. The variety mostly grown. Large size, approaching to round shape; fine grained, pleasant flavor, color deep red; very productive, and keeps well. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Danvers Yellow. A thick, heavy, straw colored onion, mild flavored, yields most abundantly, ripens early, and keeps equal to the best. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

White Portugal. A mild, pleasant onion, grows to a fair size and handsome shape, but it is bad to keep, being liable to gather moisture, unless spread very thin. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.



NO. 1. EARLY RED. NO. 2. LARGE RED WETHERSFIELD. NO. 3. YELLOW DANVERS.
NO. 4. WHITE PORTUGAL.

ONION SETS.

(Prices subject to change.)

Top Sets. This onion produces no seed; the set produces one large onion the first year, which planted the next spring, produces the top onions. Qt. 15c., gal. 60c., bu. \$4.00.

Bottom Sets. Are raised by sowing the seed late in the spring, at the rate of about thirty pounds to the acre.

Red Bottom Sets. Qt. 20c., gal. 70c., bu. \$4.50.

Yellow Bottom Sets. Qt. 20c., gal. 70c., bu. \$4.50.

White Bottom Sets. Qt. 20c., gal. 90c., bu. \$5.50.

If by mail, add 15c. per quart, for postage.

PARSLEY.

Soak the seed a few hours in warm water, and sow very early in the spring. Parsely seed is slow to germinate, particularly if sown late in the season, when it often fails entirely in dry weather.



PARSLEY.

Curled or Double. Dwarf and tender, and beautifully crimped and curled. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Plain. A well known variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.

OKRA.

Plant late in the spring, after the ground has become warm, in hills about two and a half feet apart, and thin to three plants in a hill. Hoe often, and earth up a little, to support the stem.

Dwarf Green. Early and very productive; small pods. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

PARSNIPS.

Spade the soil deep, and sow early in the spring, in fifteen inch drills; thin to eight inches apart. Keep the ground free from weeds, and the surface open by frequent stirring with the hoe.



LONG SMOOTH.

Long Smooth. Considered the best in cultivation. Roots long, white, smooth, free from side roots, tender and sugary, and most excellent flavored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

PEAS.

Plant as early as the ground will admit of being worked. Drop the dwarf kinds about twenty inches, and the taller kinds, about three to four feet apart, in rows, covering the seeds about two inches deep. When well up, set brush along the rows, corresponding with the height of the pea cultivated.

Postage, 15c. per quart, on peas, when ordered to be sent by mail; packets only are sent free of postage. Pints at quart rates, quarter bushel and over at bushel rates.

Bliss' Ever Bearing. A cross between the Little Gem and the Champion of England. Height of vine, 18 inches to two feet; pods, three to four inches long, well filled; peas very large, and unsurpassed in sweetness and flavor. Pkt. 5c., qt. 30c., gal. \$1.00, bu. \$7.00.

Stratagem (Wrinkled.) One of the finest peas grown. Height two feet. Many of the pods measure nearly 5 $\frac{1}{2}$ inches in length, and contain as high as ten large, fine flavored wrinkled peas. In quality, none can surpass it. Pkt. 5c., qt. 40c., gal. \$1.25, bu. \$8.50.

Extra Early Kent. Early variety, growing about two and a half feet high, pods well filled with good sized peas. Pkt. 5c., qt. 20c., gal. 60c., bu. \$4.50.

New Alaska. The earliest pea known, and ninety per cent. of the pods can be gathered at the first picking. The most desirable extra early pea for market gardeners ever offered. Pkt. 10c., qt. 25c., gal. 85c., bu. \$6.00.

American Wonder. An early and prolific dwarf pea of most exquisite flavor. Vines grow from eight to ten inches high. Pkt. 5c., qt. 30c., gal. \$1.00, bu. \$7.00.



McLean's Little Gem. A dwarf, green, wrinkled variety, growing one foot high; very prolific, of superior flavor, and very early. Pkt. 5c., qt. 25c., gal. 75c., bu. \$6.00.

Tom Thumb. Very early and prolific, growing only ten to twelve inches high; requires no sticks. Pkt. 5c., qt. 25c., gal. 90c., bu. \$6.50.

First and Best. Very early, of excellent flavor, and ripens with great uniformity; height two and a half feet. Pkt. 5c., qt. 20c., gal. 70c., bu. \$5.00.

Extra Early Philadelphia. Early, productive, and one of the most popular and esteemed peas; height two and one half feet. Pkt. 5c., qt. 20c., gal. 60c., bu. \$4.50.



EARLY KENT.

Pkt. 5c., qt. 15c., gal. 45c., bu. \$3.00.

Champion of England. Admitted to be one of the richest and best flavored peas grown, very productive, height from three to four feet. Pkt. 5c., qt. 20c., gal. 70c., bu. \$5.00.

Black-Eyed Marrowfat. Excellent for garden or field, growing from three to four feet high. Pkt. 5c., qt. 15c., gal. 45c., bu. \$3.00.

Large White Marrowfat. Cultivated extensively for the summer crop. About five feet high, and of strong growth.

Dwarf Gray Sugar, Edible Pods. The most desirable of all edible pod peas; early and prolific, pods broad, and contain five or six peas; one foot high. Pkt. 5c., qt. 25c., gal. 90c., bu. \$6.00.

PEPPER.

Sow early in a hot bed, or in open ground in a seed bed, about the middle of spring, in light, warm ground. Transplant when three inches high, one foot apart, in eighteen inch drills.

Long Red Cayenne. A long, red, tapering variety, of dwarf growth, very hot and pungent. Pkt. 5c., oz. 30c., 1/4 lb. 85c., lb. \$2.50.

Large Bell, or Bull Nose. A large sort, of square form, mild, thick and hard, suitable for filling with cabbage, etc. Pkt. 5c., oz. 30c., 1/4 lb. 85c., lb. \$2.50.

Sweet Mountain, or Mammoth. A variety of nearly the same form, but much larger than the one described. Used for pickling. Pkt. 5c., oz. 30c., 1/4 lb. 85c., lb. \$2.50.

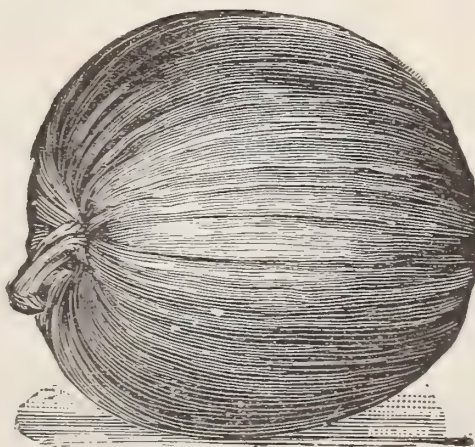


GOLDEN DAWN PEPPER.

Mammoth Golden Dawn. The handsomest and most productive of all, of perfect shape, and uniformly large size, very productive, from fifteen to twenty perfect fruits on a single plant; color bright waxy golden yellow, flavor mild and pleasant. Pkt. 5c., oz. 30c., 1/4 lb. 90c., lb. \$3.00.

PUMPKIN.

When warm weather has come, drop in hills ten to twelve feet apart. The pumpkin more properly belongs to the farm than to the garden, and is generally planted with corn.



COMMON FIELD PUMPKIN.

Golden Yellow Mammoth. This truly colossal variety originated in France. Reliable growers there claim that, with high culture, it has frequently been grown to weigh over 300 lbs. Pkt. 5c., oz. 20c., 1/4 lb. 60c., lb. \$1.80.

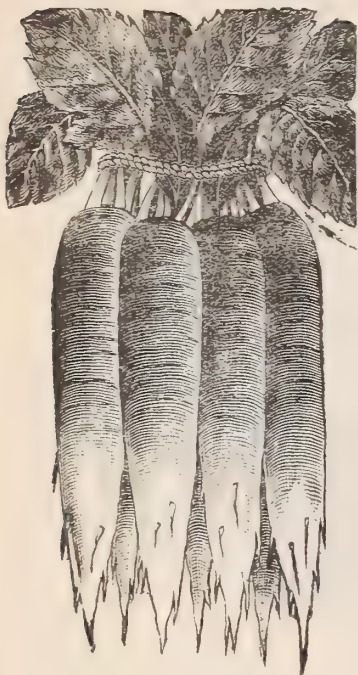
Cushaw Crookneck. Flesh yellow, fine grained and sweet, good for the table. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 75c.

Large Cheese. Flat shaped and salmon colored, flesh thick, yellow, fine grained, sweet, and well flavored. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 65c.

Connecticut Field. Large, productive, and best for stock feeding. Pkt. 5c., lb. 30c., bu. \$3.50.

RADISH.

Sow as early in the spring as the ground can be worked, and every two weeks for a succession. Sow in twelve inch drills, and thin to two or three inches apart. Their good quality depends on their rapid growth, and having plenty of room to grow in.



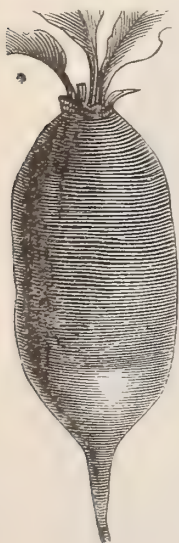
ARTIER.

grows quick, very brittle. Pkt. 5c., oz. 10c., qr. lb. 20., lb. 60c.

Scarlet Turnip. Small, round turnip shaped, with a small top; of very quick growth, mild and crisp. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 60c.

French Breakfast. Medium size, olive shaped, small top, of quick growth; crisp and tender, of a beautiful scarlet color, except near the root, which is pure white. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

White Turnip. Like the scarlet in shape, color pure white. It is later, and will bear the heat longer without becoming spongy. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.



CHINA WINTER.

Black Fall, or Spanish. An oblong, black radish, of large size and firm texture. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 75c.

Yellow Turnip. An oblong, turnip shaped and russet colored sort, growing to large size, with pretty large top; the best kind to stand the heat and drought of summer. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

Rose Colored China Winter. Becoming very popular. Shape half long, pink color, and flesh as solid as an apple, keeps well. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 75c.

RHUBARB.

Sow in drills, one foot apart, early in the spring. In the fall or next spring, transplant to three feet apart. Do not pluck the stalks until the third year.

Myatt's Victoria. Very large, rich flavor, and in high estimation. Pkt. 5c., oz. 15c., qr. lb. 50c., lb. \$1.50.

SALSIFY.

Sow early in the spring, in drills, fourteen inches apart, and thin to two inches apart. Cultivate same as carrots or parsnips. Gather what may be wanted for the winter, and let the balance stand in the ground for next spring's use.

Salsify, or Vegetable Oyster. Pkt. 5c., oz. 15c., qr. lb. 50c., lb. \$1.50.

SQUASH.

Sow about the middle of spring, in hills, the early sorts about four feet apart, and the late varieties, six to eight feet. Drop enough seed to be thinned to three plants in a hill.

Perfect Gem. This variety is excellent, both for summer and winter, is a vigorous grower, and wonderfully productive. The squashes are of a creamy white color, slightly ribbed, with a thin, smooth skin; flesh very fine grained, sweet and dry, delicious flavor; an excellent keeper. Pkt. 5c., oz. 10c., qr. lb. 30c., lb., 90c.



PERFECT GEM SQUASH.

Pine Apple. A fall and winter variety; skin and flesh creamy white; an abundant yielder, and an excellent kind for pies, also, one of the best for table use. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

Early Summer Crookneck. Very early; one of the best for summer use; color yellow, shell very hard when ripe. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

Early Yellow Bush Scalloped. Deep orange yellow color, flat, scallop shaped, smooth rind. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

Essex Hybrid Turban. A valuable fall and winter variety; very prolific, fine grained, yellow flesh, very sweet and dry; very desirable. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

Marblehead. Shell of more flinty hardness than the Hubbard. The flesh is of a rather lighter color; its yield and keeping properties are said to surpass that famous variety. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 80c.



HUBBARD.

Boston Marrow. A fall and winter variety; oval form, pointed, thin rind, fine grain, salmon colored flesh; remarkably sweet and delicious. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 70c.

Hubbard. The best table squash yet known. It has a hard shell; flesh fine grained, dry and of excellent flavor. Pkt. 5c., oz. 10c., qr. lb. 25c., lb. 75c.

SPINACH.

Sow early in the spring, and at short intervals, to keep up supply, and in September sow (with slight protection through the winter,) for early spring greens.

Thick Leaved. The main market sort; equally good for spring and fall sowing; leaves large, thick, and fleshy. Pkt. 5c., oz. 5c.; qr. lb. 45c., lb. 40c.

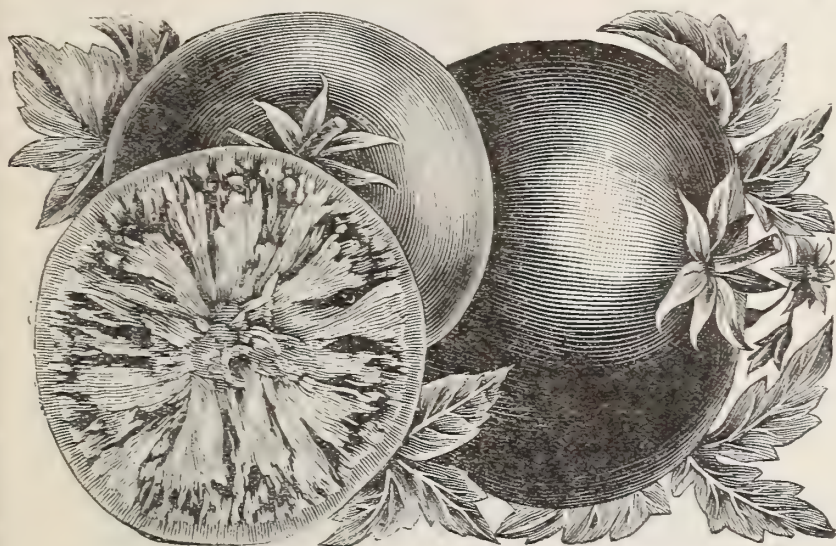
Savoy Leaved. A valuable variety. The leaf is wrinkled in the same way peculiar to the Savoy cabbage. Hardy and very productive. Pkt. 5c., oz. 5c., qr. lb. 15c., lb. 40c.

Prickly, or Fall. Triangular, arrow shaped leaves; one of the hardiest, and most generally used for fall planting. Pkt. 5c., oz. 5c., qr. lb. 15c., lb. 40c.

TOMATO.

Plant in hills three feet apart, on a warm border, early in the spring. For a late supply, plant a short time afterwards in a more open situation. To have the tomato very early, it is necessary to start the plants in a hot bed.

Extra Early Red. Long cultivated as the earliest variety; desirable only before others mature. Pkt. 5c., oz. 20c., qr. lb. 60c., lb. \$1.80.



ACME TOMATO.

Acme. Is one of the earliest, but a very handsome variety. Pkt. 5c., oz. 20c., qr. lb. 60c., lb. \$1.75.

Livingston's Beauty. Is extra early, growing in clusters of four or five; very bright, glossy crimson, solid, retains its color and size until late in the season. Pkt. 5c., oz. 20c., qr. lb. 65c., lb. \$2.00.

Livingston's Favorite. Large, and very early, color blood red, perfectly smooth, has few seeds, excellent for canning. Pkt. 5c., oz. 20c., qr. lb. 65c., lb. \$2.00.

Paragon. An excellent variety: color, a bright, glossy crimson, large, and of an extremely fine flavor; for table use or canning, it has no superior. Pkt. 5c., oz., 20c., qr. lb. 60c., lb. \$1.75.

Trophy. Large, smooth, very solid, and of fine quality. Pkt. 5c., oz. 20c., qr. lb. 65c., lb. \$2.00.

Pear Shaped Yellow. Very fine for preserving and pickling; color, a golden yellow. Pkt. 5c., oz. 25c., qr. lb. 80c., lb. \$2.50.

Pear Shaped Red. Same as above, excepting color. Pkt. 5c., oz. 25c., qr. lb. 80c., lb. \$2.50.

TURNIP.

The spring crop should be got in early, to bring them forward in advance of hot weather. Keep them clean of weeds. For winter use, sow in August, at the rate of one pound of seed to the acre,

Early White Flat Dutch, or Spring. Medium size, of quick growth, juicy, and of excellent quality; may be used either spring or fall. Pkt. 5c., oz. 15c., qr. lb. 20c. lb. 50c.

White Top Strap Leaved. A standard variety of the flat turnip; good marketable size, pure white, small top with but few strap shaped leaves; a very popular sort. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 50.

Red or Purple Top Straped Leaved. Has the form and character of the White Top Strap Leaf, except in color. Best for fall sowing; flesh, fine grained and rich, buttery-flavored. Pkt. 5c., oz. 10c., 1/4 lb. 20c., lb. 50c.

White Egg. A quick growing fall turnip, oval or egg shaped, flesh very firm and fine grained. An excellent table turnip. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 65c.

Large Yellow Globe. Large, handsome; globular-shaped; smooth, with rather small leaves; valuable for the table use or stock; keeps sound till late in the spring. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 50c.

Large White Globe. A fine, large, white sort, particularly desirable and valuable for a field crop. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 50c.

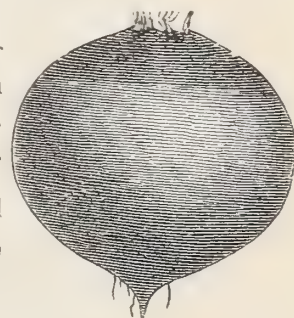
Long White or Cow Horn. Flesh white, fine grained and sweet; used mostly in stock feeding. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 50c.

RUTABAGA OR SWEDE TURNIP.

American Yellow Purple Top. Hardy and productive; flesh yellow, solid, sweet and fine flavored; good for stock or table use. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 65c.

Skirring's Purple Top. A superior variety, hardy and productive; flesh yellow, of solid texture, large size. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 50c.

Sweet German. White, solid, and of fine flavor. Pkt. 5c., oz. 10c., qr. lb. 20c., lb. 50c.



RUTABAGA.

TOBACCO SEED.

Havana. The Havana type is now considered the very best, and rare prices are paid for well grown crops. Pkt. 5c., oz. 30c., qr. lb. 90c., lb. \$3.00.

Connecticut Seed Leaf. Best adapted to the climate of the middle and northern states, as it is more hardy and endures the cold better than the tender varieties grown south. Pkt. 5c., oz. 25c., qr. lb. 80., lb. \$2.50.

SWEET AND AROMATIC HERBS.

Most of the varieties thrive best on rich sandy soil, which should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. Sow as early as the ground can be made ready, in drills sixteen to eighteen inches apart. Most of them should be cut when in bloom, wilt in the sun, and thoroughly dried in the shade. All Herbs 5c. per pkt.

Sage.

Lemon Balm.

Sweet Majoram.

Thyme.

Sweet Fennel.

Lavender.

Summer Savoy.

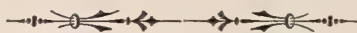
Sweet Basil.

Caraway.

Dill.

Coriander.

VEGETABLE ROOTS AND PLANTS.



We furnish healthy, sturdy plants, of the sorts named below, in the proper season. Those desiring large quantities should write for special prices.

If by Mail, add Postage at the rate of Eight Cents per Pound.

Artichokes Jerusalem. A well known vegetable, produced from tubers resembling potatoes; it makes an excellent food for stock. They are planted like potatoes, and as early as the ground will admit in May. Peck 40c., bu. \$1.25.

Asparagus Roots. Two years old. \$1.00 per 100, \$7.00 per 1,000.

Chives. For flavoring soups, salads, etc., 10c. per clump; \$1.00 per doz.

Horse Radish Roots. 20c. per doz., 60c. per 100, \$5.00 per 1,000.

Rhubarb Roots. 10c. each, \$1.00 per doz.

Cabbage, Early. Early Wakefield, Early Summer and Early Winnigstadt, 50c. per 100, \$4.00 per 1,000.

Cabbage, Late. Premium Flat Dutch and Drumhead, 40c. per 100, \$3.00 per 1,000, Drumhead, Savoy and Red Dutch, 50c. per 100.

Cauliflower. Dwarf Erfurt, \$1.00 per 100, Snowball, \$1.50 per 100.

Celery. Boston, Market, \$1.00 per 100, \$7.00 per 1,000, White Plume, \$1.25 per 100, \$10.00 per 1,000, transplanted plants.

Celeriac. 35c. per 100.

Kohlrabi. 50c. per 100.

Leek. \$1.00 per 100.



CELERIAC.

Egg Plant. New York Improved, 10c. each, \$1.00 per doz.

Tomatoes. Acme, Perfection and Beauty, 40c. per 100, \$3.00 per 1,000.

Sweet Potato Plant, 40c. per 100, \$3.00 per 1,000.

Special prices for large quantities.

GRAPE VINES AND SMALL FRUITS.



We offer a select assortment of the best varieties, and advise our customers to plant at least a few vines and small fruits. Stock packed and delivered at railroad freight and express office. Particular varieties named in order, will be sent as long as such varieties are on hand, but as some kinds become exhausted, customers will please state whether other varieties may be sent in place of the ones ordered.

GRAPE VINES.

(One year Old No. 1.)

Agawam. Red. 20c. each, \$2.00 per doz.

Catawba. Red. 15c. each, \$1.50 per doz.

Clinton. Black. 10c. each, \$1.00 per doz.

Concord. Black. 10c. each, \$1.00 per doz., \$5.00 per 100.

Elvira. White. 10c. each, \$1.00 per doz.

Goethe. White. 20c. each, \$2.00 per doz.

Perkins. White. 15c. each, \$1.50 per doz.

CURRENTS.

Red. One year old, No. 1, 10c. each, \$1.00 per doz.

White. One year old, No. 1, 10c. each, \$1.00 per doz.

GOOSEBERRIES.

Downing. 15c. each, \$1.50 per doz.

Houghton. One year old, No. 1, 10c. each, \$1.00 per doz.

RASPBERRIES.

Hopkins. Black. 5c. each, 40c. per doz., \$2.00 per 100.

Turner's. Red. 5c. each, 50c. per doz., \$2.50 per 100.

BLACKBERRIES.

Crystal. White. 50c. per doz., \$2.50 per 100.

Kittatinny and Snyder. 5c. each, 40c. per doz., \$2.00 per 100.

STRAWBERRIES.

Charles Downing; Crescent; E. Washington. 50c. per 100, \$4.00 per 1,000.

Bubach. New. \$1.00 per 100.

Jessie. New. \$1.00 per 100.

FIELD AND AGRICULTURAL SEEDS.

CHOICE SEED POTATOES.

Seed Potatoes cannot be shipped during cold weather. All orders received before it is safe to ship, will be promptly acknowledged, and the potatoes forwarded as soon as the weather permits. In ordering, always state whether you want them shipped by freight or express. If no instructions are given, we will use our best judgment.

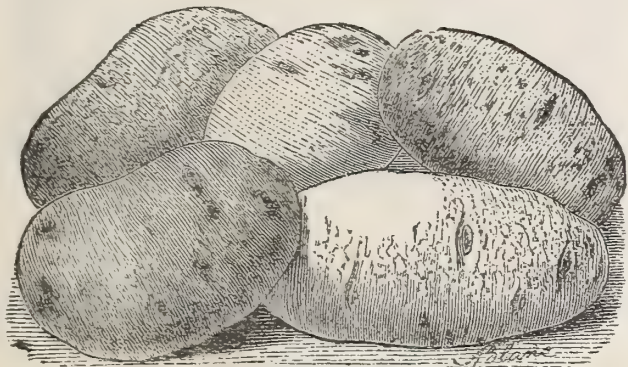
Prices are subject to market changes.

Early Ohio. In color like the Early Rose, yet in shape distinct, being round oblong. Grown side by side with the Early Rose, it proved a week earlier, while the yield was one-third greater. Peck 50c., bu. \$1.50.

Beauty of Hebron. Shaped like the Early Rose; slightly tinged with pink around the eyes. They yield well, and in point of earliness, are ahead of the Early Rose. They cook very mealy, and are one of the best on our list. Peck 50c., bu. \$1.50.

Early Rose. Has been the old standard for earliness from fourteen to fifteen years. Peck 50c., bu. \$1.50.

Mammoth Pearl. A great favorite wherever tried, on account of its productiveness and handsome appearance. In shape it is oblong; skin white, eyes few and even with the surface. It ripens in August. Peck 50c., bu. \$1.50.



White Peachblow. A very vigorous grower, the vines completely covering the ground. It excels the common Peachblow in quality and productiveness. An excellent keeper. Peck 50c., bu. \$1.50.

Rural Blush. An excellent variety, having a beautiful blush skin, while the flesh is slightly tinged with pink. It is of first rate quality, and cooks through dry and evenly. A very heavy yielder. They are good size, somewhat oblong in shape, few eyes and smooth skin. Peck 50c., bu. \$1.50.

Rose Seedling. Shape oblong; color pink; very large size and a great yielder. The quality is good and is an excellent keeper. Should be planted from the 1st to the 15th of June. Peck 50c., bu. \$1.50.

Dakota Red. The Tubers are large, handsome, long, wedge shaped; flesh white, eyes few, skin firm and flesh colored; vines strong and keep green through drought, by reason of roots growing deep into the soil. Peck 60c., bu. \$2.00.

SEED SWEET POTATOES.

Prices subject to change.

Our sweet potatoes are all well selected for the purpose of seed, and we are confident that they will give satisfaction.

We ship them only in favorable weather, carefully packed but owing to their perishable nature, we cannot hold ourselves responsible for their condition on arrival.

Prices per barrel on application.

Early Red Bermuda. The earliest and most productive; color purplish red; of large size and good quality. Peck 50c., bu. \$1.50.

Golden or Strasbury. Sometimes called White Bermuda. Color golden yellow; quality fine, very early. Peck 50c., bu. \$1.75.

Southern Queen. Similar to above, color white; they grow to a large size, and are of good table quality. Peck 50c., bu. \$1.50.

Red Spanish. A new variety; color dark red, flesh pure white and of excellent flavor. Shaped like the Jersey, but grows much larger; a good keeper. Peck 50c., bu. \$1.75.

Yellow Nansemond. A well known late variety, which has become so acclimated to our climate that it is no more trouble to raise them than common potatoes. Peck 40c., bu. \$1.50.

Yellow Jersey. A fine late variety, somewhat larger than the Nansemond, but not quite as hardy. Peck 50c., bu. \$1.50.

CLOVER AND GRASS SEED.

Terms Cash with Order. Two bushel bags twenty cents extra each.

Express or freight charges always to be paid by the purchaser, except if to be sent by mail, and sufficient money is sent to prepay postage.

On account of the early publication of this Catalogue, we cannot bind ourselves to the prices given on Field and Agricultural Seeds. These are market articles, and prices are subject to variation; but purchasers may depend on having them at the price ruling from the store on the day of shipment, and of the best quality, and that we always will send as much seed as the money received will pay for.

CLOVER SEEDS.

(Weight per bushel, Sixty Pounds.)

Red Clover. This invaluable plant may justly be placed at the head of the list. By its judicious use, lands which have been exhausted by too severe a course of cropping may be brought back to their former fertility. It succeeds on any soil of moderate fertility, if sufficiently dry. From six to eight pounds of good seed is required for an acre, more being required on old or stiff soils than new and lighter ones. Lb. 15c., bu. \$5.00.

White Dutch Clover. An excellent pasture grass, forming, in conjunction with the Kentucky Blue Grass, the first and most nutritious food for sheep and cows. Its flowers are also the favorite resort for the honey bee. It succeeds on all rich, clayey lands, if not too wet. Sow six pounds per acre. Lb. 25c., bu. \$10.00.

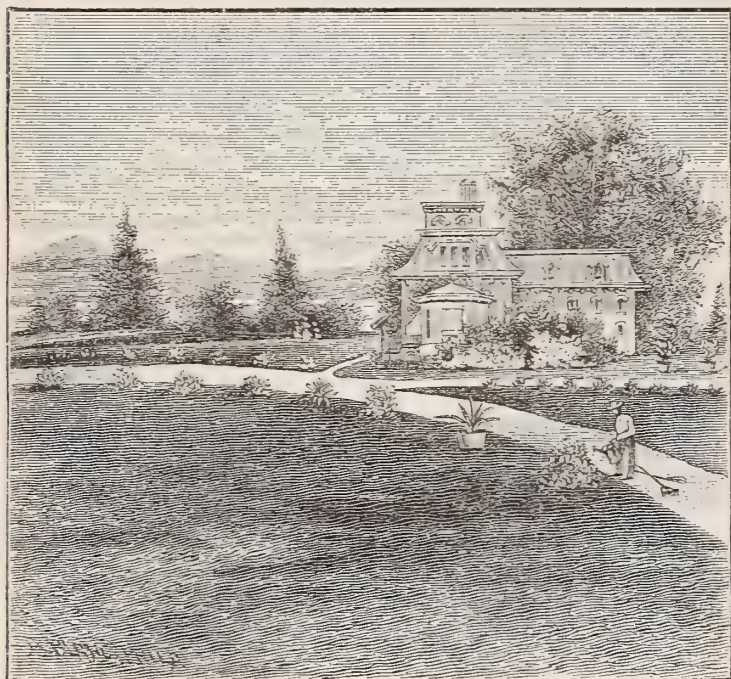
Alsike or Swedish Clover. A native of Sweden; perfectly hardy, does not heave in winter or spring from frost, stands drouth well, and is in many respects superior to the common red variety. It affords a large return in hay, is excellent for soiling and for bees is unsurpassed. When the plant is once established it will remain for a great many years in full vigor, and produce annually a great quantity of hay of excellent quality. Sow early in the spring, from five to seven pounds per acre. Lb. 25c., bu. \$10.00.

Alfalfa Clover. This is a valuable species for light, rich, loamy lands, sending its roots to a greater depth, and producing a large amount of green food for cattle; it is one of the most productive foliage plants ever grown; it will also answer for soiling in suitable situations. Requires from six to eight pounds per acre. Lb. 15c., bu. \$5.50.

Timothy. This is decidedly the best grass for hay, making a large return on strong, richly clay of medium state of moisture, though somewhat coarse and hard, especially if allowed to ripen to seeds; yet if cut in the blossoms or directly after, it is greatly relished by all kinds of stock, especially so by horses. It grows very readily, and yields large crops on favorable soils. It will take from twelve to fifteen pounds per acre. Lb. 10c., bu. (45 lbs.) \$1.75.

German or Golden Millet. Not so early as the common Millet, but yields a much larger crop. Will grow from three to five feet high; the heads are closely condensed; spikes very numerous; seeds golden yellow, round in rough bristly sheaths. The stalks are soft, and readily eaten by all kinds of stock. Twenty-five to thirty-five pounds will sow one acre. Lb. 5c., bu. (50 lbs.) \$1.00.

Common Millet. Requires a light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. Sow in drills or broadcast, from May 1st until the last of July; twenty-five to thirty-five pounds to the acre. Lb. 5c., bu. (50 lbs.) 90c.



Hungarian Grass. A valuable forage plant. Succeeds well on dry, light soil; withstands the drouth remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow at the rate of twenty to thirty pounds to the acre. Lb. 5c. bu. (48 lbs.) \$1.00.

Red Top. A valuable grass for moist soils. It is a good permanent grass, standing our climate as well as any other, and consequently well suited to our pastures. On moist, rich soil, it will grow two feet. From fifteen to twenty pounds are sown per acre. Lb. 10c., bu. (14 lbs.) 90c.

Orchard Grass or Rough Cocksfoot. One of the most valuable of all pasture grasses, coming earlier in spring, and remaining later in autumn than any other; grows about two and a half feet high, producing an immense quantity of leaves and foilage. Well adapted to sowing under trees and in orchards, and very valuable either for grazing or for hay. Requires from fifteen to twenty pounds to sow an acre. Lb. 20c., bu. (14 lbs.) \$2.00.

Kentucky Blue Grass. The best for pasturage, producing the the most nourishing food for cattle, retaining its qualities to a late period in winter. In combination with White Clover, it forms the finest and closest lawns. For this purpose an extra quantity of seeds should be used—say

three bushels of Blue Grass and two pounds of White Clover per acre. If sown by itself for pasture, twenty pounds may be sufficient. Sow early in spring, or during the months of October and November. Extra clean, lb. 25c., bu. (14 lbs.) \$3.25; fancy clean, lb. 30c., bu. \$3.50.

English Blue Grass, or Rye Grass. A very valuable pasture grass, as its long, tender leaves are much relished by stock of all kinds. Succeeds well even in poor soil, and as its roots penetrate the earth twelve to fifteen inches, it is not affected, except by exceedingly dry weather; when cured, like Timothy, it yields a very superior quality of hay. Sow one bushel per acre, in spring or fall. Lb. 10c., bu. (24 lbs.) \$1.50.

Superior Mixed Lawn Grass. Is a mixture of the best quality of such grasses as will withstand the heat and dry weather of our summers. The soil should be put in good condition before sowing, and the lawn kept free from weeds the first season. The quantity of seed required is one pound to every 400 square feet. Lb. 30c., bu. (14 lbs.) \$3.50.



SEED FIELD CORN.

Hickory King. The Largest Grained and Smallest Cobbed Pure White Dent Corn in the World. The grain is so large and the cob so small, that by breaking an ear in half, one grain will cover entire end of cob. The ears grow seven to nine inches in length, and six and a quarter to six and a half inches in circumference, and are generally borne three to six to a stalk. It ripens early, maturing in one hundred to one hundred and ten days from planting. Qt. 15c., pk. 50c., bu. \$1.50.

The Leaming. A dent variety; ears are of good size, set low down, and nearly always two good ears to each stalk. Very small red cob, with a deep, long grain of rich golden color. Matures a crop in ninety days. Has been known to yield 100 bushels to the acre. Peck 50c., bu. \$1.50.

Champion Early White Pearl. An extra early, pure white variety of the dent family; very productive and exceedingly heavy, maturing in 85 to 90 days from the time of planting; very prolific. The stalk is short and thick, and often bears two good ears. Peck 50c., bu. \$1.50.

St. Charles White. An old well known variety; Peck 40c., bu. \$1.25.

Common White Field Corn. Selected for seed purposes. Bu. \$1.00.

Common Yellow Field Corn. Bu. \$1.00.

SEED OATS.

White Russian. Very prolific, and with ordinary cultivation will yield one hundred bushels per acre. They are extremely hardy. Peck 25c., bu. 75c.

Common White, Common Black. Market price.

SORGHUM SEEDS.

Early Amber. Popular and well known. It is the earliest variety, rich in saccharine matters; makes nice amber syrup and good sugar. Peck 50c., bu. (50 lbs.) \$1.50.

Early Orange. Ten to fifteen days latter than the *Early Amber*; a strong grower, and produces more syrup; an excellent sugar plant. Peck 50c., bu. \$1.50.

BROOM CORN SEED.

Missouri Evergreen. A favorite in Kansas, Nebraska and Missouri. Grows to be a good length, and if cut at proper time has good color. Peck 50c., bu. (46 lbs.) \$1.50.

California Golden. An excellent standard variety; grows a very fine brush of good length, and is free from the large center stem. Peck 50c., bu. \$1.50.

FLAX SEED.

This crop has become very popular. It is a quick crop, being sown in April, and harvested in July, is always of ready sale at fair prices. Peck 40c., bu (56 lbs.) \$1.75.

BUCKWHEAT.

Buckwheat should be sown about the middle of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from twenty-five to thirty bushels per acre. It should be threshed as soon as dry. If allowed to stand in mass it quickly gathers moisture; therefore, due attention should be given to handling it promptly. Peck 40c., bu. (52 lbs.) \$1.00.

HEMP.

If raised for manufacturing, must be sown broadcast, at the rate of one-half bushel to the acre; if for seed, it should be planted in hills four feet apart, and the plants thinned out to three or four most vigorous stems in each hill. Peck 60c., bu. (44 lbs.) \$2.00.

FIELD PEAS.

These are sown for marketing dry, for split peas or for fodder for stock; at the rate of two and one-half bushels to the acre, either broadcast or in drills. Sown at the rate of one and one-half bushels to the acre, with an equal quantity of oats, they are cut and cured with oats either as hay or to be threshed. Peck 70c., bu. (60 lbs.) \$2.00.

FIELD BEANS.

Plant after danger from frost is past, in dry, light soil, but beans do well in ordinary soil, and should be grown to a greater extent than they now are in many sections. They are a most valuable food crop. Hoe frequently when the plants are dry, never when wet.

Medium White. Hand-picked. Peck 60c., bu. (60 lbs.) \$2.75.

White Navy. Hand-picked. Peck 75c., bu. \$3.00.

CASTOR BEANS.

This crop is raised almost entirely in this country, in Southwestern Missouri and Kansas. Pays well at fair prices. Is a good fertilizer, and is a good crop to follow flax. Peck 75c., bu. (46 lbs.) \$2.50.

RYE.

We sell this grain, to a large extent, early in the fall for pasture. Write us for prices as soon as crop is harvested.

POP CORN.

Rice. One of the most popular market varieties; very handsome, short ears, long pointed kernels; very prolific. Per lb. 10c., postpaid 18c.

Silver Lace. Handsome variety, smooth white pop corn; fine popper and produces heavily. Per lb. 10c., postpaid 18c., choice single ears 10c.

Queen's Golden. Bright golden in color but when popped becomes a beautiful creamy white, and is the finest for popping we have ever seen, each grain becoming three times as large as the grain of ordinary varieties when popped; is very prolific and ripens early. Per lb. 10c., postpaid 18c.

SUNFLOWER.

The Sunflower is rapidly acquiring a reputation as a valuable farm crop. Its seeds are superior food for poultry [said to improve the meat,] and it has yielded forty bushels per acre. The plant affords efficient protection from malaria, and should be liberally planted in hedges about the house in all districts where that insidious disease prevails.

Large Russian. The best in all respects for a farm crop. Lb. 15c., bu. (34 lbs.) \$2.50.

TREE AND HEDGE SEEDS.

If by mail, 8 cents per pound must be added for postage.

Apple. Apple seed do not reproduce the same varieties, but an inferior, though hardy stock, and upon these seedlings are grafted the finer varieties. The seed may be planted in the fall in rows two feet apart, or they may be planted in early spring, but in that case the seed must first be mixed with damp sand and frozen, after which care must be taken that they do not become dry before planting. Pkt. 5c., lb. 50c., half bu. \$5.50, bu. \$10.00.

Peach. Plant three inches deep in the fall, in rows three feet apart, or if planted in spring, crack the pits and plant the kernels only. Pk. 75c., bu. \$3.00.

Catalpa, Hardy. Of all trees that have been suggested as adapted to the formation of timber plantations, the *Catalpa Speciosa* stands pre-eminent. Its exceedingly rapid growth; its adaption to almost all soils and situations; its extraordinary success on the western and northwestern prairies; the ease and certainty with which it is transplanted; the almost imperishable nature of the wood, to say nothing of the handsome appearance of the tree and the unrivaled beauty of its flowers, all point to the *Catalpa* as the tree to plant. Oz. 10c., lb. \$1.00.

Locust, Yellow or Black. This variety is noted for its rapid growth of hard and durable timber. It is hardy and succeeds well in many parts of the country. It is worthy of a trial in any locality where it has not been tested. Oz. 5c., lb. 30c.

Locust, Honey. A large and handsome tree; the trunk and branches are generally beset with long and formidable spines, on which account it has been employed as a hedge plant. The wood is heavy and affords excellent fuel, but is not considered durable as timber. Has done well in our state wherever planted. Seeds ought to be scalded before planting. Oz. 5c., lb. 25c.

Maple, Soft or Silver-Leaf. One of the most beautiful of Maples. Is being extensively planted in forests on account of its extremely rapid growth. Its wood is quite soft and light. The seed ripens in May, and cannot be kept over. It should be sown as soon as possible after it is taken from the tree. Oz. 5c., lb. 50c.

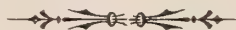
Oaks. Well known native trees.

Acorns. Lb. 35c., bu. \$5.00.

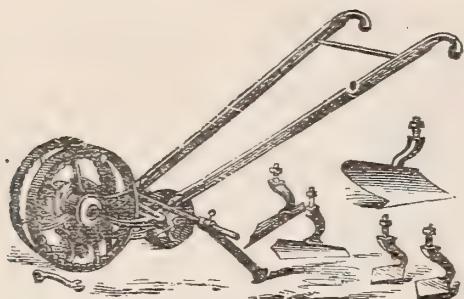
Osage Orange. A native of Texas, but has been generally introduced over the country from its extensive employment as a hedge plant. Proper time to sow is in April or May. Oz. 5c., lb. 30c., bu. \$5.00.

Walnut, Black. One of our most valuable varieties for timber planting; a very large tree of rapid growth. It delights in a rich soil and luxuriates in our prairie loams, or timber-land clay. Hulled, per bu. 75c., unhulled, per bu. 50c.

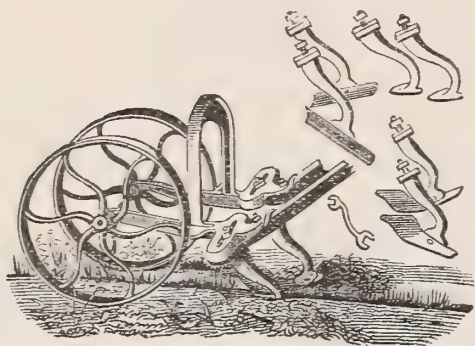
SEED DRILLS, CULTIVATORS, Etc.



We can supply all requisites for Gardners and Florists at Lowest Cash Rates.



PLANET JR. COMBINED DRILL AND CULTIVATOR



Planet Jr. Double Wheel Hoe—1st Hoeing.

The "Planet Jr." No 2 Drill. Price, \$8.00.

The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator and Plow. Price, \$10.00.

The "Planet Jr." Double Wheel Hoe, Cultivator and Plow; weight 35 lbs. Price, \$7.00.

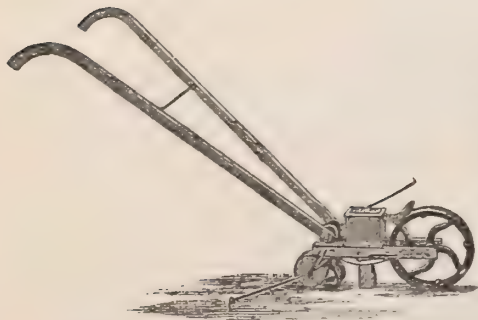
The "Planet Jr." Single Wheel Hoe, Cultivator and Plow; weight 30 lbs. Price, \$5.00.

The "Fire Fly" Hand Plow; weight 12 lbs. Price, \$2.25.

QUEEN OF THE GARDEN.

Hand Plow and Cultivator, neatly painted and ornamented; weight complete, 18 lbs. Price, \$3.50.

LITTLE GEM SEED DRILL.

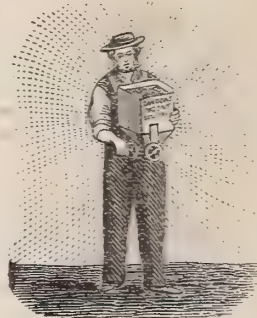


LITTLE GEM SEED DRILL.

The "Little Gem" will make the drill, drop and cover all the seeds, such as Turnip, Carrot, Sage, Spinach, Onion, Parsnip, Beet etc., and mark the next row as perfectly as the best. It weighs only 20 lbs. It is warranted to give entire satisfaction or money refunded. Price, \$6.00.

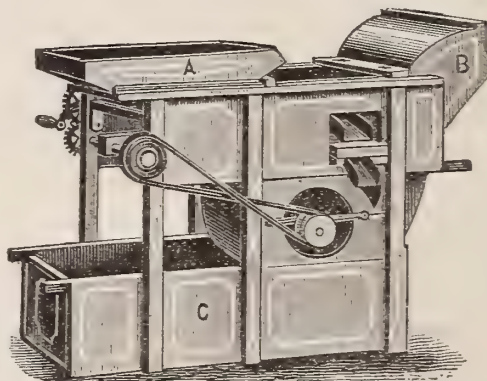
CAHOON'S BROADCAST HAND SEED SOWER.

This hand machine, at a common walking gait, sows from 4 to 8 acres per hour, throwing wheat about forty feet wide. For grass seeds, a special gait is required according to the lightness of the seed to be sown. A saving of four-fifths of the labor, and one-third of the seed used in hand sowing, is effected by using this machine. Price \$5.00.



U. S. or FIDDLE BOW HAND SEED SOWER.

This is a very light machine, weighing but three pounds, is carried over the shoulder by a strap; the sack will hold a half bushel; there is a slide that works over an opening in the bottom of hopper, which is continually agitated by the distributor. This prevents clogging, and insures an even and regular flow of seed on to the distributor. This opening is regulated by a seed scale on side of box; the distributor is operated by a bow, one full stroke at every step; it is a regular motion, and comes perfectly natural with the easy swing of the arm. It is well made, handsomely finished, and we will guarantee this machine to give perfect satisfaction with any kind of grain sowing broadcast. Price, \$2.50.



A—Hopper. B—Dust Spout. C—Seed Box.

HAND GRAIN AND SEED MILL.

The Improved No. 1 Hand Grain and Seed Mill is the most complete grain and seed cleaner ever invented. Write for prices.

WHAT IS SLUG SHOT?

Slug Shot is an impalpable powder, a combination of insecticides, *poisonous* to insects preying upon vegetation, and withal an *excellent* fertilizer, affecting nearly all classes of insect life, so that they either die or leave for parts unknown. Circulars explaining how to



use it, and benefits derived by using, mailed on application. Price 5 lbs. 35c.; 10 lbs. 60c.; 50 lbs. \$2.50; 100 lbs. \$4.50; bbl. (235 lbs.) loose in bulk \$9.40.

DESCRIPTIVE LIST OF FLOWER SEEDS.

ANNUALS are those plants which grow, flower, seed, and die, within the same year. BIENNIALS are those that do not generally bloom until the second season, and after blooming die. PERENNIALS are those that do not generally bloom until the second year, but continue to bloom for years, and may be propagated by a division of the roots.

ACROCLINIUM.

Everlasting flowers, used for winter bouquets. Hardy annual. Mixed Colors. Pkt. 5c.

ADONIS.

A hardy annual, with bright scarlet flowers and fine, graceful foliage. Grows well in the shade or under trees. In bloom from July until frost. Pkt. 5c.

AGERATUM.

Blooms constantly all summer in the garden, and if removed to the greenhouse, all winter. Desirable for cut flowers for bouquets; colors light blue and pure white. Start the seeds under glass, and transplant. Hardy annual

Mexicanum. Light blue. Pkt. 5c.

Imperial Dwarf White. Fine mixed. Pkt. 5c.

AMARANTHUS.

Useful in many situations, as the back ground of a flower border, or for making an ornamental hedge, or a bed on the lawn. Hardy annual.

Caudatus. (Love-Lies-Bleeding.) Long, drooping "chains" of flowers; very pretty for decorating. Pkt. 5c.

Tricolor. Foliage plant; in perfection first season. Pkt. 5c.

Prince's Feather. Flowering somewhat similar to *Amaranthus Caudatus*, but in erect masses. Pkt. 5c.

Melancholicus Ruber. Blood red foliage plant. Pkt. 5c.

ANAGALLIS.

A fine trailing plant; very valuable for bedding purposes. Hardy annual. Fine colors mixed. Pkt. 5c.

ASPERULA.

A flower finely adapted to bouquets, by reason of its shape, size and delicate color; a light blue or lavender. Pkt. 5c.

ASTER.

One of the most effective of our garden favorites, producing flowers in profusion, rich in colors and most perfect in form. Hardy annual.

New Rose. Twelve separate colors; white, crimson, violet etc. Mixed. Pkt. 15c.

Truffaut's Paeony-Flowered Perfection. Very large and beautiful; one of the best. Mixed colors. Pkt. 15c.

New Dwarf Bouquet. Each plant looks a bouquet of flowers. Mixed colors. Pkt. 15c.

New Crown or Cocardeau. Two colored flowers, the center being pure white. Mixed colors. Pkt. 10c.



ASTER TRUFFAUTS.

BARTONIA.

A showy, half-hardy annual with bright yellow flowers. Will not bear transplanting. Pkt. 5c.

BALLOON VINE.

The flowers are insignificant, but the plant is a rapid and graceful climber. Tender annual; six-feet high. Pkt. 10c.

BALSAM.

One of the most beautiful and popular annuals; it is an old favorite, but so much improved in late years that it scarcely bears a resemblance to the old flower.

Carnation. Double stripe like the carnation. Pkt. 10c.

Camellia Flowered. Very double and one of the finest. Mixed colors. Pkt. 10c.

Pure White. Well adapted for florists. Pkt. 10c.

French. Fine colors. Mixed. Pkt. 10c.

BACHELOR'S BUTTON.

Showy annual, of easy culture. flowering freely, with a great variety of colors. Pkt. 15c.

BROWALLIA.

These handsome, profuse blooming plants are now used nearly as freely as *Coleus*. They are covered with pretty blue and white blossoms throughout the whole summer. Half-hardy annual; one and a half feet high.

Raezli. Pure white and blue flowers of twice the size of the older sorts. Pkt. 15c.

Elata. Fine mixed. Pkt. 10c.

CACALIA.

A beautiful half-hardy annual, bearing small tassel-like flowers, often called *Flora's Paint Brush*. Mixed colors. Pkt. 5c.

CALLIOPSIS.

A very showy border plant, producing flowers of nearly every shade of color; hardy annual. Finest Mixed. Pkt. 5c.

CALENDULA.

The old and well known *Marigold*, which everyone knows. Hardy annual.

New Meteor. Large, double flowers, resembling in size and form the finest *Aster*. Pkt. 10c.



BALSAM, CAMELLIA-FLOWERED.



AMARANTHUS TRICOLOR

CANNA.

Stately, and highly ornamental plants; will bloom first season, if sown early in hot bed. Fine Mixed colors. Pkt. 5c.

CANARY BIRD FLOWER.

One of the best climbing plants, with graceful foliage, and small, yellow flowers. Pkt. 10c.

CANDYTUFT.

A hardy annual, of easy culture, and well known.

White. Sweet Scented. Pkt. 5c.

CANARY BIRD FLOWER. *Fine Mixed.* Pkt 5c.

CANTERBURY BELLS.

Hardy biennials; very attractive border plants. Mixed colors. Pkt. 5c.

CLEOSIA.

Cockscomb.

Half hardy annuals, very showy; succeeds best when started in the house or hot bed.

Cristata. Crimson dwarf. Pkt. 5c.

New Fringed Japan. Very beautiful variety. Pkt. 5c.

Feathered. Bright crimson in color. Pkt. 5c.



CANDYTUFT.

CATCHFLY.

Silene.

Free flowering annuals, small flowers, white, red or rose. Mixed colors. Pkt. 5c.

CENTRANTHUS.

A hardy annual, free flowering and compact; very effective in beds or as an edging. Mixed colors. Pkt. 5c.

CLARKIA.

A showy, hardy annual, flowering freely, but suffers in dry, hot weather. Double varieties Mixed. Pkt. 5c.

CONVOLVULUS MAJOR.

Morning Glory.

Well known climber. Mixed colors. Pkt. 5c.

CONVOLVULUS MINOR.

A beautiful, free flowering, showy class of plants, trailing in habit, making beautiful masses; hardy annual. Mixed colors. Pkt. 5c.

CYPRESS VINE.

A beautiful and popular climbing plant; half hardy annual. Mixed colors. Pkt. 5c.

DIANTHUS.

Pink.

Among the most brilliant of our garden flowers.

Double Imperial Pink. Mixed colors. Pkt. 5c.

DAISY.

Every one knows the pretty daisy.

Mixed Double Varieties. Pkt. 20c.

Longfellow. A new variety, with fine, large, rose colored flowers. Pkt. 25c.

ESCHCHOLTZIA.

Hardy annuals, with flowers of rich and beautiful colors.

California. Bright yellow, darker in center. Pkt. 5c.



DAISY.

FOUR O'CLOCK.

Marvel of Peru.

A handsome plant, making an attractive display with its many colored flowers. The same plant will produce flowers of different colors. Mixed colors. Pkt. 5c.

FOXGLOVE.

Showy and useful plants for the border. Flowers borne in tall spikes, bell or thimble shaped; a perennial. All colors mixed. Pkt. 5c.



FOUR O'CLOCK.

GOURDS.

A great variety of curiously formed and marked fruit. The vines are of rapid growth. It is adapted for covering screens, arbors, etc.

Small, Ornamental Sorts. Pkt. 5c.

Nest Egg. Pkt. 5c.

Dipper. Pkt. 5c.

GILLA.

Dwarf, hardy annual; pretty in masses; good for cutting. Fine Mixed. Pkt. 5c.

GODETIA.

Very attractive, free flowering, hardy annual, deserving the most extensive cultivation.

Lady Albemarle. A beautiful new variety, with a profusion of rich carmine crimson flowers. Pkt. 5c.

GOMPHRENA.

Globe Amaranth.

An excellent everlasting or immortelle. Flowers globe shaped. Retain their shape and color when dried. Mixed colors. Pkt. 5c.

HIBISCUS.

A showy, hardy annual. Flower cream color; with rich brown center. Pkt. 5c.

HOLLYHOCK.

A hardy perennial, that is becoming a great favorite. Fine double mixed. Pkt. 10c.

HELICHRYSUM.

Everlasting.

Peculiarly desirable as dried specimens; exceedingly handsome bouquets may be formed of them for winter. Hardy annuals; six inches to two feet high.

Bracteatum. [Golden Eternal Flower.] Bright yellow. Pkt. 5c.

Monstrosum Fl. Pl. Mixed. Eight varieties of the largest double flowers, mixed. Pkt. 5c.



CONVOLVULUS.

HELIOTROPE.

A well known and popular green house plant, and good for pot culture in winter; flowers purple. Pkt. 10c.

HONESTY, or SATIN FLOWER.

Early, free flowering plants, interesting for the silver like tissue of the seed pods in their matured state. The flower is purple, not very conspicuous. The seed pods are fine for working in with everlasting flowers for winter bouquets. Hardy biennial. Two feet high.

Biennis. Pkt. 5c.

HYACINTH BEAN.

A splendid climber, with clustered spikes of purple and white flowers, which are followed by ornamental seed pods. Is of rapid growth. Pkt. 5c.

JOB'S TEARS.

Curious ornamental grass from the East Indies; valuable for the formation of winter bouquets. Pkt. 5c.

LARKSPUR.

Well known. A fine variety of colors, shades of blue, red and others, striped and mottled. Pkt. 5c.

LOBELIA.

Very pretty, blooming profusely. *Erinus Compacta.* Light blue. Pkt. 10c.

LUPINUS.

Commonly called sun dials. They are hardy, and the seeds must be sown in the open ground. Will not transplant well. Mixed colors. Pkt. 5c.

MARIGOLD.

A showy plant, of handsome foliage and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark rich colors of maroon and brown. Hardy annual.

African Mixed. Pkt. 5c.

French Mixed. Pkt. 5c.

Dwarf Varieties Mixed. Pkt. 5c.



MARIGOLD.

MIGNONETTE.

Reseda.

A well known fragrant little annual.

Sweet. Pkt. 5c.

MORNING BRIDE.

One of the best flowers for bouquets. A great variety of colors, from white to very dark purple.

Fine Dwarf Double. Mixed colors. Pkt. 5c.

MYOSOTIS.

Forget-me-not.

Half hardy perennial, succeeding best in moist situations. *Palustris.* Blue. Pkt. 10c.

NIGELIA.

Love-in-a-Mist.

A hardy annual, of easy culture, bearing curious flowers. *New Double.* Pkt. 5c.

NASTURTIUM.

This well known annual is one of the best for trellis and arbor decoration; flowers of a great variety of rich colors. Also excellent for vases and baskets

Tall. Fine colors mixed. Pkt. 5c.

Dwarf. Fine colors mixed. Pkt. 5c.



LOBELIA.

ORNAMENTAL GRASSES.

Very useful for cutting when fresh for summer bouquets, and also dry for working up with everlasting flowers for winter bouquets. Pkt. 5c.

PAMPAS GRASS.

An exceedingly elegant and graceful variety of ornamental grass. Pkt. 5c.

PANSY.

Heart's Ease,

This general favorite is too well known to need any description.

Large German. Fancy colors mixed. Pkt. 15c.

Fine Colors Mixed. Pkt. 10c.



PANSY; LARGE GERMAN.

PETUNIA.

Sown in the spring they will produce flowering plants in June. Set the plants about eighteen inches apart. They do well sown in cold frame hot-bed or in the open ground.

Grandiflora. Choice mixed. Pkt. 25c.

Small-Flowered. Finest mixed. Pkt. 10c.

POPPY.

Makes a fine display growing among the taller flowers and shrubs. Finest colors. Single and double. Mixed. Pkt. 5c.

PORTULACA.

A brilliant and popular hardy annual, of easy culture.

Double Rose. Mixed colors. Pkt. 20c.

Fine Colors Mixed. Pkt. 5c.

**PHLOX DRUMMONDII.**

PETUNIA, DOUBLE. Unrivalled for richness of color, profusion and duration of blossom. Hardy annual. All varieties mixed. Pkt. 10c.

PINK.

A great variety of rich and brilliant colors, shades and markings. Of easy culture and very popular.

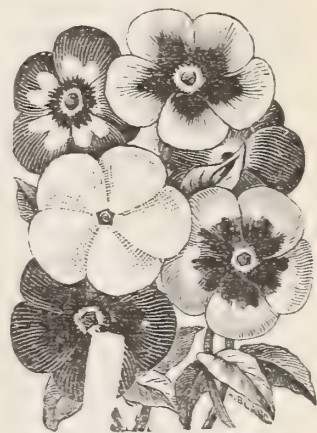
Double Imperial. Fine colors mixed. Pkt. 10c.

Double Japan. Fine colors mixed. Pkt. 10c.

Fine Double Mixed Colors. Pkt. 5c.

RHODANTHE.

A delicate and charming everlasting flower. Finest mixed. Pkt. 10c.



PHLOX DRUMMONDII.

RICINUS.

Castor Bean.

A luxuriant expansive foliage plant, of tropical appearance. Plants range from five to ten feet in height. Pkt. 5c.

SALPIGLOSSIS.

A highly ornamental, half hardy annual, with curiously penciled funnel-shaped flowers. Mixed colors. Pkt. 10c.

SENSATIVE PLANT.

A curious plant, the leaves folding together and branches drooping by being touched, affording a source of amusement for the little folks. Half hardy annual. Pkt. 5c.

SMILAX.

No climbing plant surpasses this for the graceful beauty of its foliage. Its hard texture enables it to keep several days after being cut, without wilting. Pkt. 25c.

SWEET ROCKET.

Hardy biennial. Fragrant, early flowering plants, bearing clusters of single flowers. Fine mixed. Pkt. 5c.

SWEET ALYSSUM.

A favorite flower for bouquets, white, very fragrant, and producing a succession of bloom through the summer. Pkt. 5c.

SWEET PEAS.

Flowering peas are among the most useful and beautiful of our hardy annuals. They grow best in a cool, moist soil. Mixed colors. Pkt. 5c.

STOCKS, TEN WEEKS.

Half hardy annuals of fine foliage and beautiful flowers. *Large Flowering Dwarf.* Brilliant colors mixed. Pkt. 10c.

SWEET WILLIAM.

A useful and popular flower that has been greatly improved in the last few years; hardy and easily raised

New Hybrid Varieties. Mixed colors. Pkt. 5c.

SWEET SULTAN.

Handsome annual, with fragrant flowers; borne on long slender stems.

White, Purple and Yellow. Mixed. Pkt. 5c.



SWEET WILLIAM.

VERBENA.

Universally admired and easily cultivated; may be treated as half hardy annuals.

New Hybrid Varieties. Brilliant colors. Mixed. Pkt. 10c.

VIOLET.

Viola.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. Hardy perennial; six inches high.

Sweet Scented. Flowers blue and white; fragrant. Pkt. 10c.



VERBENA.

WHITLAVIA.

A charming hardy annual, with bell-shaped flowers.

Grandiflora. Violet blue. Pkt. 5c.

XERANTHEMUM.

Showy class of everlastings, useful for winter bouquets. Fine colors mixed. Pkt. 10c.

ZINNIA.

Splendid large plant of great beauty, perfectly hardy and easily transplanted.

Choice Double. Mixed. Pkt. 10c.



VIOLET.

PLANT DEPARTMENT.



FLOWERING PLANTS AND ORNAMENTAL HARDY SHRUBS, CLIMBERS, ETC.

Our Greenhouses are located within the city limits, at the corner of 10th and Mound streets, and are within walking distance from Commercial street. Street cars pass Greenhouses every fourteen minutes. Persons visiting Atchison should make it a point to call at our Greenhouses, where they will always see something to interest them.

Plants offered in this Catalogue are none of your puny, weak little things that take till fall to see what you get; but are grown in pots ranging in size from 2½ to 4 inches, according to varieties of plants.

We need not mention this to old customers who know what kind of plants we send out, but this Catalogue will be received by many people who never saw our plants or received our Catalogue before.

Patrons can always depend on getting their money's worth, and more too, as we are very liberal with our extras.

To those who have not dealt with us, we would say, why send east, when you can get as good, if not better plants, and more of them for the money? Plants not having to come so far will arrive fresher, get over the shock of being boxed up quicker, express charges will be less, and we guarantee the safe arrival of all plants, and everything true to name, and we flatter ourselves our plants and prices will compare favorably with any first-class house east.

PLANTS BY MAIL.

When the money accompanies the order, we will send plants by mail, carefully packed, and postage paid—but only when the plants desired amount to one dollar and upward. Plants sent by mail must necessarily be smaller than those sent by express. In case plants called for cannot be sent by mail, the money will be returned.

PLANTS BY EXPRESS.

This is much the most satisfactory way of sending, as the plants will be stronger, and will be received in better order. It is our custom to always put in some extra plants in all lots sent by express, which helps to pay express charges. We earnestly recommend our customers to have their plants sent this way.

GET UP CLUBS.

In the rush of spring business every moment is valuable, and as it takes nearly as long to make ready a two or three dollar order as a five dollar one, we make the following liberal offer for the sending of large orders and to induce parties to get up clubs.

For \$1.00 parties may select to the value of \$1.10	
" 2.00	" 2.35
" 3.00	" 3.50
" 5.00	" 6.00
" 10.00	" 12.50
" 15.00	" 18.00
" 20.00	" 25.00

We trust the above liberal offer will induce our patrons to send large orders, thus benefitting themselves and us.

DOLLAR COLLECTIONS.

(Entirely our Selection of Varieties.)

- Set No. 1—15 Monthly Roses, different sorts.
 “ 2—12 Monthly Roses, best winter flowering sorts.
 “ 3—10 Hybrid Perpetual Roses, different sorts.
 “ 4—14 Single Geraniums, different sorts.
 “ 5—14 Double Geraniums, different sorts.
 “ 6—10 Geraniums, Bronze and Silver Leaved.
 “ 7—14 Geraniums, selected by us from Single, Double and Scented sorts.
 “ 8—12 Fuschias, different sorts.
 “ 9—20 Verbenas, different sorts.
 “ 10—12 Coleus and Achyranthus, different sorts.
 “ 11—14 Tuberoses, blooming size bulbs.
 “ 12—7 Monthly Roses, 7 Geraniums.
 “ 13—4 Roses, 3 Geraniums, 3 Fuschias, 3 Carnations.
 “ 14—14 Chrysanthemums, different sorts.
 “ 15—10 Double Dahlias, different sorts.

In order to save time, we would state we cannot change any of these. It also excludes the possibility of naming in advance of filling orders what varieties will be used; but all sets will be filled with good sorts, as described in our Catalogue.

ROSES.

No flower has attained such popularity the past few years as the Rose. Every year we increase our production.



but the demand for good roses increases equally as fast, especially those kinds that recommend themselves by vigorous growth, perfect form, profuse bloom and rich and distinct colors. Our aim is only to grow and offer roses of merit; hence we cull out every year and only retain the best.

The everblooming class, comprising Teas, Noisettes, Chinas and Bourbons, even so far north as this, give us better satisfaction than any other class of roses, both on account of their free-blooming qualities, as well as their exquisite fragrance and delicate colors. Some are almost hardy here, and do well if slightly protected with leaves or

straw, while further South they stand the winters with no protection.

NEW ROSES.

Of special merit.

All fine varieties, selected from a large list.

Souvenir de Wootton. This is the first season we have offered this superb Rose; which is equally grand, both for summer and winter blooming. It is of the largest size of monthly roses, double and of fine form. Color a carmine shade of crimson, deliciously tra scented. 15c.

American Beauty. (Mad. Ferdinand Jamin.) The flowers are a deep crimson color, of large size, with true hybrid fragrance; they are garnished with rich foliage below each bloom, making separate flowers appear like bouquets. A free bloomer, but in open ground only of moderate growth. 15c.

Princess Beatrice. (Tea.) Of strong growing habit, with heavy foliage; flower stem stiff and upright; buds pale yellow, center rich golden yellow, edged with bright rose. A most remarkably colored rose; free flowering and splendid for all purposes. 15c.

Luciole. A beautiful new Tea rose, of the most brilliant coloring; rosy carmine, deep saffron yellow, reflexed with bronze; large and well formed bud and flower. A fine rose. 15c.

Meteor. (Hybrid Tea.) Color a very fine crimson. An incessant bloomer; fine when fully expanded, and of excellent habit; a fine rose for all purposes. 15c.

Mme. Schwaller. (Hybrid Tea.) Like *Puritan*, this rose has the strong firm growth of the Hybrid Perpetuals, and the same form and finish of flower, being especially beautiful when full grown; it is very free in bloom and has the fragrance of *La France*. The color is a bright rosy-flesh, paler at the base of the petals and deepening on the edges. Apt to come in clusters, which are excellent for cutting. 15c.

Madame C. Perreau. (Tea.) Of strong growth and excellent habit. Bright rose color with a silver shading that is very attractive. An excellent rose. 25c.

Mrs. John Laing. (Hybrid Perpetual.) Color, a soft delicate pink with satin tinge. Large flower, finely shaped, and exceedingly fragrant. Very free and in every respect a rose of great merit. 25c.

GENERAL LIST OF EVER-BLOOMING ROSES.

We grow hundreds of roses in 4 and 6 inch pots, and class them, 6 inch pots first size, 4 inch pots second size, 2 1/2 inch pots third size.

Bon Silena. Deep carmine; very fragrant.

Catharine Mermet. A very bright rosy-flesh color; one of the most perfect teas in cultivation

Douglas. Dark cherry red, rich and velvety.

Hermosa. An old favorite; always in bloom and always beautiful. The most pleasing shade of pink, soft and deep; very fragrant.

Duchess de Brabant. Soft rosy-flesh, changing to deep rose.

La Princess Vera. Creamy rose, veined lilac; large and full; one of the finest new roses.

Lamargue. Flowers of medium size; borne in large clusters; pure white and double; a most beautiful rose.

Jules Finger. Bright rosy scarlet; free bloomer.

Madam Guillot. The best white rose for general purposes grown.

Madam de Vatry. Rich, crimson scarlet; very bright and double.

Marschal Niel. Deep, sulphur yellow. It is the finest yellow rose in existence.

Marie Van Houtte. White, slightly tinged yellow; fine for bedding.

Malmaison. This is the finest and most perfect rose in cultivation. Pale flesh.

Niphetos. An elegant tea rose, very large and double; pure snow white; it is highly valued for its valuable buds.

Perle des Jardins. Without doubt the finest yellow rose in cultivation; color golden yellow; flowers large and beautifully formed; handsome in every stage of development.

Papa Gontier. Flowers large; deep carmine crimson.

Queen's Scarlet. Dazzling crimson scarlet; beautiful bud; a fine pot rose.

Safrano. Bright apricot yellow; valuable for winter.

Sunset. A sport from *Perle des Jardins*. Flowers of large full size; very double; color rich golden amber.

The Bride. Pure white; very fragrant.

First size 75c. Per dozen \$7.50

Second “ 35c. “ “ 3.00

Third “ 10c. “ “ 1.00

HYBRID PERPETUAL ROSES.

The flowers of this class are very double; of immense size and delightful fragrance, and of the most gorgeous and dazzling colors; but no shades of yellow. The plant is strong, vigorous grower; requiring but little attention and surviving all ordinary hardships, though slight protection in winter, in very exposed situations, is always desirable.

- Anna de Diesbach.* Clear rose; fine color; very large, a showy, deep cup form. —
- Auguste Mie.* Clear, bright pink; very large and fine cupped; fragrant and good.
- Coquette des Blanches.* One of the finest whites; large and full; fragrant.
- General Jaqueminot.* Brilliant crimson; very large, globular form and excellent.
- Gen. Washington.* Rosy carmine; unusually glossy and brilliant; double and well formed.
- Jules Margottin.* Bright cherry red; large well formed, fragrant flowers; a splendid variety very double and free.
- John Hopper.* Bright rose with carmine center; large and full; a free blooming sort.
- La Reine.* Beautiful clear bright rose; firm; full form; large and fragrant; a favorite old variety.
- Lady Emily Peel.* A charming rose; medium size and full form; very sweet; color white, sometimes tinged and shaded with blush.
- Louis Van Houtte.* Rich crimson heavily shaded with maroon; a beautiful formed and double flower.
- Madam Plantier.* Pure white; large and very double; a good hardy rose, suitable for cemetery planting.
- Madame Charles Woods.* One of the best roses for general planting ever introduced; the flower is extra large full and double; deep rosy crimson; a constant and profuse bloomer.
- Magna Charta.* A splendid sort; bright clear pink, flushed with violet crimson; very sweet; flowers extra large, fine form, very double and full; a free bloomer. 15c.
- Madame Masson.* Velvety crimson, very bright and full, a firm sort for bedding.
- Paul Neyron.* The flowers are immense, it is probably the largest rose grown, and one of the finest; bright shining pink, very clear and beautiful, very double and full, finely scented.
- Prince Camile de Rohan.* Rich, dark velvety crimson; large and fine, a good rose of spendid color.
- Victor Verdier.* Rich cherry rose, shaded with carmine, flowers large and beautifully formed; very full.

1	size	75c	,	per	dozen	\$7.50
2	"	35c.	,	"	"	3.00
3	"	10c.	,	"	"	1.00

POLYANTHA ROSES.

This beautiful class of dwarf free flowering roses has been steadily growing in favor every year since their introduction. They are admirably adapted to pot culture, and planted out they flower continually the whole season. The flowers are quite small, borne in large clusters, often 25 to 40 in a single cluster. Each cluster making a boquet of itself. They are entirely hardy, and serve admirably for edging to beds of roses, or for cemetery planting.

Mignonette. One of the most beautiful miniature roses imaginable; the flowers are full and regular, perfectly double, borne in large clusters, often thirty to forty flowers each; clear pink, changing to white, tinged with pale rose, a constant and profuse bloomer; very attractive and dilicate.

Perle d'Or. Color of buds beautiful nankeen yellow, with vivid orange center, each petal tipped white, changing to buff tinged rose in the open flower; a splendid variety

either for pot culture or for bedding out, and the only shade of yellow in this very desirable section.

Paquerette. One of the finest of this class; the flowers are pure white, of the most perfect shape; about one and one-half inches in diameter; flowering in clusters of from five to thirty flowers each; very free bloomer, and one of the finest pot plants; also does finely bedded out.

10 cents each.

HARDY CLIMBING ROSES.

For covering walls, trellises, trees, buildings, etc. The Hardy Prairie Roses are the best. They are of rapid growth and perfect hardiness, and become covered with bloom in their season.

- Baltimore Belle.* The finest and best of this class; flowers pale blush, becoming nearly white, compact and double.
- Bennet's Seedling.* An Ayreshire or Scotch rose; white, double and fragrant.
- Pride of Washington.* Brilliant amaranth, shaded rose center.
- Caroline Goodrich.* A very free flowering variety, blooming in clusters; deep red; it is hardy and a very strong grower, fine for pillars or trellises.
- Queen of the Prairies.* Extra growth, and free annual bloomer, bright, rosy red, the strongest climber of all.
- Tennessee Belle.* Graceful and slender in growth, bright pink.

Large 2-year old plants 25c., small plants 10c. each.

MOSS ROSES.

Moss Roses stand alone in picturesque beauty, different and distinct from all others. Their opening buds, half covered with delicate clinging moss of fairy-like texture, command our special admiration. The Moss rose is a strong, vigorous grower, perfectly hardy, desirable for out-door culture in open ground; and of the most permanent character —when once established they bear much abuse.

- Glory of Mosses.* A magnificent Moss Rose, extra large and perfectly double, color deep rosy carmine, shaded purplish crimson, very mossy and fragrant, one of the finest.
- Henri Martin.* Dark rose color, large and well mossed.
- Luxemburg.* Bright crimson scarlet, very mossy and of good size.
- Princess Adelaide.* One of the best, extra large flowers, very double and fragrant, buds beautifully mossed, color bright rosy pink.
- Perpetual White.* Blooms in clusters and very freely, not very double, but the buds are beautifully mossed.

25 cents each.

Abutilons.

Rapid growing plants, blooming almost the entire year; very useful either as house plants or for bedding out in the summer, flowers pendulous or bell-shaped.

- Arthur Belsham.* Clear, bright crimson.
- Boule de Neige.* Pure white, very free flowering and of compact growth; one of the very best for house culture and for winter blooming.
- Le Lilliput.* Rosy pink, a very distinct color, abundant bloomer, fine for pot culture.
- Mesopotanicum Variegatum.* The leaves blotched and marbled in the style of *A. Thompsonii*, plant of a trailing or drooping habit, a very attractive plant for vases, baskets or rock work.
- Perle d'Or.* Dwarf habit, orange-yellow flowers, free bloomer, fine for pot culture.

Thompsonii Plena. A sport from *Thompsonii var.*; the foliage has the same variegation, but the flowers are full and double; orange streaked with crimson.

Yellow Prince. Very dark yellow.
10 cents each, \$1.00 per dozen.



THOMPSONII PLENO.

New Abutilons.

Eclipse. The new trailing variegated leaved. A great improvement over *Mesopotanicum Variegatum*. Leaves broader and more distinctly variegated. 15c., \$1.50 per doz.

Golden Fleece. A bright golden yellow Abutilon, of strong, vigorous habit and very free flowering. There has been a number of yellow Abutilons introduced during the past few years but they all lacked richness of color; the variety now offered combines large size, fine form, and depth of coloring, and will become the leading yellow variety. Price 15c. \$1.50 per dozen.

Achania Malvaviscus.

A greenhouse shrub, with scarlet flowers, blooms summer and winter, not subject to insects of any kind; one of the most satisfactory house plants grown. 10 cents.

Acalypha Marginata.

An elegant foliage plant, leaves are green, banded with a narrow margin of pink and white, desirable as a greenhouse plant for winter. 25 cents.

Achyranthus.

Beautiful leaf plants, well adapted for bedding purposes, or as pot plants. They are easily grown, and retain their brightness of foliage until destroyed by frost, being more hardy than *Coleus*.

Aurea Reticulata. Foliage green, handsomely marked with a net work of golden yellow, with occasional crimson blotches.

Brilliantissima. Dwarf habit; color most brilliant ruby red. One of the best and most effective plants for ribbon bedding.

Lindenii. Long, lance-shaped leaves, of a deep blood-red color; very attractive.

10 cents each, \$1.00 per doz.

Aloysia Citriodora.

Lemon Verbena.

Very desirable on account of the delightful fragrance of its foliage. It is a very popular plant, and should be kept dormant in early winter. 10 cents.

Ageratums.

Plants of easy culture, and very desirable for cut flowers, blooming freely both summer and winter.

Cannel's Dwarf. A very dwarf variety, scarcely ever exceeding six inches in height; one of the finest plants for carpet bedding, or for edging large beds. Flowers bright lavender blue, produced in great abundance. 10 cents each.

Alternantheras.

Dwarf plants of bushy, compact growth; excellent for borders of flower beds, and for baskets, vases, etc. They require the full sun to bring out the foliage.

Parychoides Major. Leaves tinted crimson, scarlet and pink.

Spathulata. Leaves tinted carmine and green.

Versicolor. Leaves tinted rose crimson.

10 cents each, 50 cents per dozen.

Negro New Black. A sport from *Paronychoides Major*, raised at Newport, Rhode Island, the famous summer resort of America, and there used with the greatest effect for carpet bedding. The color, when at its best, is similar to a newly polished stove, of a shining black color. For carpet and ribbon bedding it certainly takes a place unfilled by any other plant. Habit and growth of plant similar to its parent. 15 cents, \$1.00 per dozen.

Alyssums.

Double. A variety with neat, green foliage, producing profusely spikes of pure, double, white flowers; valuable for cut flowers.

Anthericum.

An elegant house plant, with dark green leaves, beautifully bordered with broad stripes of pure white; it throws up long spikes of small star-shaped flowers, which are very effective; fine for hanging baskets.

Vittatum Variegatum. Of strong growth. 15 cents.

Picturatum. Similar to *A. vittatum*, excepting the markings, which are reversed. 25 cents.

Aspidistras.

Lurida. A handsome foliage plant. Dracena-like leaves, of a bright green color. 15 to 25 cents each.

Lurida Variegata. Similar to the above, but leaves are broadly striped with white; very ornamental. 25c each.

Asclepias Salicifolia.

A shrubby, willow like plant, producing fine clusters of pale white flowers; very free bloomer, useful for bouquets. 10 cents.

Bouvardias.

A beautiful class of winter blooming plants. Their richness of color, and fine form of flowers, makes them one of the most useful of winter flowering plants. Attention should be given to nipping the tops at intervals during the summer, as they will then grow more branching and bloom more profusely during the winter.

Alfred Neuner. Double white; immense clusters of pure white, perfectly double florets; remaining in perfection much longer than do the single varieties.

Davidsonii. White, fine form.

Leiantha. Small, scarlet flowers, in compact trusses; wonderfully free.

President Garfield. A double pink; a sport from the double white variety, *Alfred Neuner*; new and beautiful.

The Bride. Rich pink.

10 cents each, \$1.00 per dozen.

Rosea Multiflora. One of the most distinct and useful varieties, resembling *Davidsonii* in habit of growth and freedom of flowering. Its color is of a soft silvery rose, which harmonizes well with more decided shades. 25 cents each.

15 cents each, \$1.50 per dozen.

Begonia, Flowering.

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decoration, or as pot plants, for cut flowers in winter; they are very easily grown, but require heat—an average of 65 degrees at night during winter is necessary. The flowers are beautiful, mostly drooping in graceful panicles of various colors, as given below.

Alba Perfecta. A neat, dwarf variety; flowers pure white, in great abundance. 10 cents.

Hybrida Multiflora. Rosy pink. 10c.

Glaucophylla Scandens. A drooping variety; flowers orange scarlet, produced freely. 15 cents.

Racinifolia. Leaves large and pointed, after the style of some of the Palms, makes a strong, robust growth, and is very ornamental. 25 cents.

Semperflorens Rosea. The flowers come in large clusters, and are white, heavily shaded and bordered with dark carmine rose. The contrast of these colors with the bright and yellow of the stamens, produces a fine effect. 10c., 15c. and 25c.

Weltoniensis. An excellent summer and autumn blooming variety, with bright pink flowers; plants of vigorous and compact growth; one of the best for baskets. 10c., 15c. and 25 cents.

Rubra. One of the finest Begonias in cultivation. Its dark, glossy, green leaves, combined with its free flowering habit, makes it one of the very best plants for house or conservatory decoration. The flowers are of a scarlet rose color, and are produced in the greatest profusion. 15 cents.

Rubra Alba. This is a sport from *Rubra*, having foliage similar but more drooping, and with large clusters of beautiful white flowers; extra fine. 15 cents.

Metallica. A shrubby variety; good grower and free bloomer; leaves triangular, longer than wide; under side of leaves and stems hairy; the surface of a lustrous metallic or bronze color, veined darker; flowers white, covered with glandular red hairs. It is perfectly distinct from any other. 15c.

Rex Begonias.

BEGONIA REX.

A class of Begonias grown for their foliage. Leaves large variegated, mottled and margined with a peculiar silvery metallic gloss; very fine grown as specimen pot plants, or for hanging baskets, ferneries, etc.

Twelve varieties. A fine assortment. 15 to 25 cents each.

Calla Lillies.

Calla Ethiopica. (Lily of the Nile.) A fine house plant. It requires an abundance of water during the growing season, and should have a period of rest from May to August, by turning the pots on their sides in some shady place. 10 to 50 cents each.

Richardia Maculata. (Spotted Calla.) The foliage resembles the Calla in shape, and is beautifully spotted white; the flowers are shaped like the Calla, pure white, shaded with violet inside. The bulbs may be kept dry in winter and started like a Dahlia in spring. Fine for window culture or bedding out. 25 cents.

Canna Ehemani.

Entirely distinct from all other Cannas, its rich green tropical foliage resembling the Musa or Banana. Its greatest merit, however, lies in the flowers, which are three inches long and two inches wide, of a glowing crimson color. They are produced in masses on the summit of whip-like

stalks, with 25 or 30 flowers on each. After flowering in summer, the roots can be lifted and will bloom all winter in the house; strong bulbs. 30 cents each; \$3.00 per dozen.

Robusta Perfecta. The finest and most effective of the dark leaved Cannas, bearing immense leaves from twelve to eighteen inches wide and three feet long, of a bright bronzy color. The habit of the plant is very robust, in rich soil attaining a height of eight feet, and at a short distance it appears like the Abyssinian Banana; for tropical bedding this grand variety is indispensable. 25c.

Cannas.

\$1.00 per dozen unless noted at bottom.

Stately and highly ornamental plants for the lawn or flower garden, their broad, massive foliage presenting a very picturesque and tropical appearance.

Brilliantissima. Leaves deep crimson, of a metallic hue; crimson flowers.

Discolor. (Gigantea.) Enormous banana-like leaves, green veined, margin brown red.

Papillon. Leaves green, flowers medium, golden yellow densely spotted with scarlet; very free and early.

Prince Imperial. Orange-red flowers, green foliage.

Metallica. Flowers crimson scarlet; foliage rich, dark green shading to a purplish margin. 15c.

New Foliage Canna.

J Schuttz. This Canna is of comparatively dwarf habit with erect foliage, blood red in color. Pronounced by all who have seen it to be the richest foliage Canna in cultivation. The coloring is perfectly uniform. Flowers medium size orange red. Each 50 cents.

Carnations.

These are among the most beautiful and desirable of plants, alike valuable for bedding out in summer and for the greenhouse and window garden in winter. The ends of the longer branches should be nipped out during the summer months to prevent their blooming, if wanted for winter flowering.

Buttercup. Light yellow, slightly streaked with carmine; very fine and free.

Dawn. Soft delicate pink of rose color, to pure white at the edge, with a decided and delicious odor of Mock Orange. 15c.

L. L. Lamborn. A dwarf, compact grower, flowers pure waxy white; grown on long stems; very large; unsurpassed by any in profusion of bloom; can be grown on low benches more profitably than Snowdon. One of the very best new carnations. 15c.

Grace Wilder. One of the most beautiful colors among Carnations—a soft shade of carmine pink. A dwarf, but

robust grower. Very desirable. Cultivated by thousands around Boston. 15c.

E. G. Hill. (New.) This variety scarcely needs description, as it is already so widely known as the best bright scarlet carnation in existence; very large, free bloomer, strong grower. 15c.

Hinzie's White. A free flowering variety of large size and perfect form; pure white, sometimes slightly tinged with pink; remaining perfect a long time.

Pres. De Graw. Pure white.

Portia. The most intensely bright scarlet; it has a vigorous constitution; the flowers are of a medium size and freely produced; a fine variety—probably the most useful bright scarlet variety yet produced.

President Garfield. Perfect flowers of immense size; color rich vermilion; vigorous growth.

Sunrise. Habit splendid; very sturdy in growth, free in bloom and absolutely perfect in form. Color of the flower, orange flaked and striped with vermilion; very bright and attractive.

Snowdon. A dwarf growing variety, rarely ever attaining over one foot in height; flowers of the purest white, born in great profusion; one of the finest varieties for pot culture.

Silver Spray. Raised by Simmons, and a variety of great worth. Strong, robust, but very dwarf in habit, rarely exceeding fifteen inches in height, but of bushy, compact growth. Unusually free blooming; flowers produced on long stems. Very large and perfectly formed flowers, never bursting, pure white in color, and beautifully fringed. 15 cents.

Wm. Swayne. A strong free grower, early continuous bloomer, flowers very large and full, of heavy texture, which renders it very valuable for long shipping purposes. Very fragrant and grows a large proportion on long stems. The habit of the plant is stronger than *Henderson*, which it resembles, and quite as free. 15 cents.

Unless noted, 10 cents each, \$1.00 per dozen.

Centaurea Gymnocarpa.

For hanging baskets, vases or for specimen pot plants this plant, with its drooping, fern-shaped leaves, is unsurpassed. In well grown plants it forms a diameter of about two feet, forming a graceful round bush of silver gray, making it a very effective contrast when bedded out with dark foliage plants, for which purpose it is admirably adapted. 10 cents each, \$1.00 per dozen.

Cobea Scandens. A well known summer climber; foliage green, with large, purple, bell-shaped flowers. A desirable climber. 20 cents.

Coleus.

The *Coleus* is the best and cheapest ornamental-leaved plant we have for ornamental bedding, in what is sometimes called the carpet style. A few dozens of these plants will make a bed of which no one will have cause to be ashamed. There is such an endless variety in their colors and markings, that, with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost.

Brilliant. Bronzy crimson, dark veins and shadings, golden edge.

Captivation. The deeply toothed leaves are bright green, with a feathered center of sulphur yellow, which is flushed with a pale tint of rosy purple.

Crown Jewel. Rich Claret, margined with bright golden yellow.

Excelsior. Yellow, stained with green and crimson.

Flambeau. Richly colored, exceedingly attractive; the leaves have a broad surface of rich velvety maroon, on which is displayed a feathered bar of bright magenta, bordered by a narrow edge of olive.

Fairy Knoll. Carmine-rose, rimmed with velvety maroon.

Glory of Autumn. Deep crimson bronze, margined gold.

Golden Bedder. This is a distinct new variety, with bright golden yellow foliage, not changing into green, or burning out during the hottest and driest weather. The plant is a strong vigorous grower, and has a compact spreading habit.

Hero. Chocolate maroon, almost black.

Harry Harold. Purplish green border with pink center; an improved Crescent.

John Goode. Dark green, suffused and mottled with yellow.



COLEUS

Mrs. Hunt. Ground color and center of leaf a bright crimson, with a deep chocolate border to this, and this in turn completely edged with bright green and yellow. 15 cents each, \$1.25 per dozen.

Midnight. Maroon, flamed crimson.

Mrs. Humphreys. Light scarlet, rimmed yellow.

Mrs. Gedes. Splendid foliage, eight to ten inches long, variegated with carmine, pink and green.

President Garfield. Rich dark maroon, almost black, veined blotched with vivid crimson, most unique and beautiful variety.

Progress. Dark olive green; blotched with purple, crimson and gold.

Rug Carpet. An unique colored variety, of most beautiful form and coloring. The leaf is large, and the ground coloring is a carmine red, running lengthwise, this in turn is broadly edged with chocolate red. 15c. each, \$1.25 per doz.

Spotted Gem. Yellow, blotched crimson, green and orange; very effective.

Verschaffelti. Rich velvety crimson; one of the best for bedding out.

10 cents each, 50 cents per dozen per Express.



Cyclamen Persicum.

Few plants are more showy than the *Cyclamen*. They bloom in the winter and early spring months in the green-house, the flowers being singular in shape, of various colors, with beautiful foliage. The soil should be very light and rich, containing a good part of peat and sand well rotted cow manure. They require frequent watering. 25 cents.

Chrysanthemums.

Chrysanthemums are now, and deservedly, the most fashionable of all autumn flowers. Their easy culture and freedom from insects and disease commend them to the most inexperienced growers, while the varied and gorgeous colors and fantastic shapes of many of the varieties make them the fashionable flower of autumn. All Chrysanthemums are hardy in the latitude of Atchison, and a covering of four or five inches of dry leaves or litter around the roots will enable them to stand the winter in almost every state in the Union.

Cullingfordii. A very late variety; flowers symmetrical and globe-shaped; the brightest in color of all dark Chrysanthemums, being the richest shade of blood crimson; can be held in bloom until Christmas, if kept in a cool place. 15 cents.

Canary. [Pomp.] Sulphur Yellow.

Coriolan. [Jap.] Medium sized flowers, petals imbricated, brilliant crimson rust color.

Christmas Eve. As its name indicates, this variety can be kept in bloom until about Christmas, flowers large, clear snow white in color, with curved and twisted petals.

Diademe. [Jap.] Flower very large, rose and violet purple, beautiful.

Flocon de Neige. [Jap.] Sulphur white, changing to pure white, beautiful.

Francois Deberque. [Chinese.] Large flowers, with imbricated petals, rose, dotted with purple.

Fimbriatum. Golden yellow centre, delicate flesh color, shading to dark rose, of large size, with twisted petals.

Golden Dragoon. [Jap.] A grand variety, with beautiful golden flowers.

Ia Triomphante. [Chinese.] Enormous sized flowers, large imbricated petals, beautiful tint of very pale lilac, reflex of centre petals cream, one of the most beautiful.

Juvena. [Jap.] Very dark maroon, thread-like, very striking.

La Nymphe. [Jap.] Large paper white flower, with narrow petals, incurve.

La Purity. [Chinese.] Medium size flowers, very perfect in form, and purest white.

Le Cygne. [Jap.] Flowers large, creamy white, grand.

M. Plancheneau. [Jap.] Rosy mauve, extra.

Mrs. Campbell. [Pomp.] Bright crimson.

Mrs. Geo. Rundle. [Chinese.] Fine pure white, one of the best.

Mad. Thibaut et Keteeler. [Jap.] Crimson, spotted yellow, spiral formed petals at center, reverse golden.

M. A. Vilmorin. Long thread-like petals, flowers very large, pure snowy white, slightly tinted with lilac rose.

Mrs. Aristee. [Pomp.] Deep canary yellow.

Ninus. [Jap.] Perfect form of flowers, of a tint of very pure straw color.

Pelican. [Jap.] Very large creamy white.

Source d'Or. [Jap.] Golden twisted florets, tipped yellowish brown, large fine.

Snow Drop. [Pomp.] Small pure white flowers.

Sans Pareil. [Chinese.] Crimson and wine color, reverse of petals gold.

Temple of Solomon. (Grandiflorum.) [Jap.] Rich golden yellow, splendid.

Venus. [Chinese.] Lilac peach, large and beautiful, incurve.

Yellow Stone. [Chinese.] Dark golden yellow.

Yellow Boy. [Pomp.] Golden yellow, of medium size.

10 cents each, 14 for \$1.00.

The Gem of Chrysanthemums.

15 cents each, \$1.50 per dozen, except where noted.

Bouquet Fait. Rosy lilac, of large size.

Christmas Eve. Pure white, very late.

Duchess. Rich deep red, tipped with golden yellow.

John Collins. Bronzy purple.

Mrs. Chas. Wheeler. Old gold and crimson.

Mrs. Cleveland. Fine blush, changing to white.

Mrs. Jones. Very late, golden yellow; can be kept as late as Christmas.

Mrs. Geo. W. Childs. Deep rose, striped white.

Mrs. F. Thompson. Blush white, streaked with rose, immense size.

Mrs. R. L. Mason. Blood red, tipped gold.

Pedro Diaz. Brilliant red, large flowers.

Snow Storm. Late pure white.

Tokio. Rich bronzy crimson.

Timbale d'Argent. Pure white, anemone flowered, early, very striking.

W. W. Coles. A peculiar shade of terra cotta, shaded brownish orange, large and distinct.

Mrs. Alpheus Hardy. A charming pure white variety, of immense size, broad petaled and incurved; the surface being downy, like loose-piled plush. The entire flower seems frosted with glittering white. A strong grower and of healthy constitution. 25 cents.

Dahlias.

The Dahlia is the grandest flower we have, growing from two to four feet high, and producing a profusion of double flowers of rich and varied colors, and the most perfect form. In rich soil the plants attain a large size, and bloom very freely in the latter part of summer and until cut down by frost. The varieties we offer are of exceeding richness of color, far surpassing the older sorts.

Large Flowering Dahlias.

Amazon. Primrose, full center.

Crimson King. Rich glowing crimson.

Defiance. Pale yellow, tipped with white.

Flora. Deep purple, shaded lilac.

Glorie de Guiscard. White, mottled buff, and orange.

Hector. Large, orange-scarlet.

John Standish. Bright crimson.

John Kirby. Buff.

Penelope. Blush, striped purple.

Rover. Deep scarlet, shaded maroon.

Virgo Marie. Pure white.

Yellow Boy. Fine yellow.

Roots 20 cents. Plants 15 cents each, \$1.25 per dozen.

Pompon or Small Flowering Dahlias.

Bob Ridley. Dark scarlet.

Harlequin. Scarlet, splashed with orange.

Beatrice. [Pompon.] Blush, tinted violet.

Crimson Beauty. [Pomp.] Bright crimson.

Kerman Boy. [Pomp.] Amber yellow.

K. Showman. [Pomp.] Bright scarlet.

Roots, 15 cents each, \$1.50 per dozen.

Cactus Dahlias.

A very showy and effective section of this desirable garden flower. The blooms are of peculiar shape, resembling in some varieties the Cactus "Cereus Speciosissimus." Hence the name "Cactus Dahlia." They grow from three to four feet high, are very branching, and bear profusely their very striking flowers, which are quite unlike those of an ordinary double Dahlia, the florets being flat and not cupped.

Cochineal. Brilliant crimson, toned maroon.

Constance, or Ariel. Pure white, of elegant shape, and one of the freest blooming.

Fire King. (Glare of the Garden.) Fiery crimson scarlet, flowers of medium size and produced in profusion, giving the plant a rich and dazzling appearance.

Formosissima. Orange color, with bright scarlet stripes; a distinct and taking flower.

Juarez. A distinct variety, valuable for all purposes through late summer and autumn. Large flowers of rich crimson scarlet color.

Lyndhurst. Rich deep scarlet, shaded maroon, excellent for cutting, a fitting companion for Constance.

Mrs. Hawkins. Of close neat habit, rich sulphur yellow, shading lighter toward the tips and slightly tinted red, a lovely flower.

Mrs. Fatt. A peculiar and pretty Dahlia, somewhat resembling Juarez, and is a fine improvement on Constance or Ariel in its whiteness and serrated form and appearance and must become a general favorite for cut flowers.

Roots, 20 cents each, \$2.00 per dozen. Young plants \$1.25 per dozen, 15 cents each.

Daisy.

Favorite plants of profuse bloom; very pretty.

White Gem. Very large, completely double, pure white.

Double Pink. A beautiful large flower, petals delicately tipped with pink.

10 cents, 75 cents per dozen.

Euonymus.

A very handsome evergreen shrub, nearly hardy here. The leaves are dark, glossy green, richly variegated with yellow and white. It makes a very ornamental pot plant for the house, enduring the usual dry atmosphere of our rooms as well as any plant we know. It grows symmetrically, forming a miniature tree.

Argentea. A beautiful variety, of upright growth, leaves broadly margined with yellow; the most decorative sort. 25 cents.

Bicolor. A variety of erect growth, with a bright yellow blotch in center of each leaf; a fine pot plant. 20 cents.

Variegata. Of strong, upright growth; leaves margined with white. 20 cents.

Echeveria.

A genus of succulent plants, both novel and interesting. They are useful either as pot plants for decorative purposes, or for bedding out in summer. Being natives of arid countries, they thrive best in a dry situation, growing where most other plants would fail.

Californica. Yellowish cast. 15 c.

Secunda Glauca. White. 10 cents.



ECHEVERIA.

Erythrina Crista Galli.**Coral Plant.**

A half hardy shrub, growing about five feet high, with neat cut foliage, the stems terminated with spikes of rich scarlet, pea shaped flowers; grows freely if planted in a warm situation. Can be kept in a cellar during the winter. 25c.

Ficus.

Elastica. [India Rubber Tree.] It is difficult to find in nature anything more magnificent than the foliage of this plant when well grown. The leaves, the upper surface of which is of the deepest and richest shade of green, are about four inches in width, ten to twelve inches in length, of a tough, leathery texture, and perfectly bright and glossy. The plant is of free, vigorous growth, and is one of the finest decorative plants in cultivation. 35c., \$1.00 to \$5.00 each.

Farfugium Grande.

A fine foliage plant, with leathery, dark green leaves, distinctly blotched golden yellow. 25c cents.

Dwarf Feverfew.

"Little Gem." The great value of the old Dwarf Feverfew for cut flowers during the summer and fall, is well known to florists and others. The variety which we now offer, surpasses it in every way. It is very dwarf, attaining a height only of from eight to twelve inches. The flowers are larger, of more perfect form, and of the purest white. 10 cents.

Ferns.

Each year brings the different varieties of Ferns more into general culture. No class of plants are more graceful in character, or better adapted for growing in Wardian cases, and for planting on rock work, in moist and shaded situations, or as plants for the house and conservatory. Those enumerated below are all handsome, and of easy culture.

Adiantum Capitis Veneris. [Maiden Hair Fern.] Very graceful, and easily grown. 10 cents.

Adiantum Cuneatum. Extensively grown for cutting. 25c.

Lygodium Scandens. Climbing; very pretty. 15 cents.

Nephrolepis Exaltata. [Sword Fern.] Of strong and upright growth. 20 cents.

Nephrolepis Duffi. A beautiful and distinct Fern. The fronds are densely crowded, from fifteen to twenty inches long, pinnate, and much crested, the stripes are slender, terete towards the base. A most desirable acquisition. 15 cents.

Pteris Serrulata. Very fine for cutting; most charming shades of light and dark green. 10 cents.

Pteris Argyrea. Has bold foliage, lined with silver in center a grand decorative plant. 25c.

Pteris Tremula. 20 cents.

Fuchsias.

The Fuchsia is certainly one of the finest and most popular of cultivated plants, with most graceful habit and beautiful flowers, and of easiest culture. They may be grown either as pot plants, or planted out in a partially shaded situation, where they will do best if occasionally well watered.

DOUBLE.

Mrs. E. G. Hill. A splendid double white. Is one of the best.

Avalanche. Sepals bright carmine, corolla dark purple.

Elm City. Sepals rich crimson, corolla purple.

Esmeraldo. Sepals red, corolla large, beautiful lilac.

Flocon de Neige. Fine, double, pure white.

Kentucky. Sepals rosy white, corolla violet rose.

Md. Van Der Strass. Pure red color, large, and pure white.

Model. Pure white.

Monstrosa Alba. Pure white, sepals bright red.

Phenomenal. One of the largest purple Fuchsias, corolla of immense size.

Snow Fairy. Very free bloomer. Pure white, and sepals shining red.

Storm King. Fine white, and of great freedom of bloom; habit dwarf.

4 inch pots, 35c., 3 inch pots, 25c., 2 inch pots, 15c.



FUCHSIA.

Black Prince. Single; corolla reddish rose color; sepals wavy carmine.

Chas Blank. Single; sepals dark red, corolla rose amarynth.

Carl Halt. Single; sepals white, corolla crimson.

Earl of Beaconsfield. Single; sepals light rosy carmine, corolla deep carmine.

Mrs. Rundle. Single; sepals rosy carmine.

Speciosa. Single; corolla bright crimson, sepals blush.

Wave of Life. Single; corolla violet blue, scarlet sepals.

Small plants 10 cents; larger, 15 to 25 cents.

Gladiolus.

These are the most beautiful of our summer flowering bulbs, the flower spikes rising from two to four feet in height, and often several spikes from the same bulb. The flowers are of almost every desirable color, from creamy white, through the different shades of salmon, pink, scarlet, and crimson, striped, blotched and spotted.

All colors mixed. Strong, selected flowering bulbs, fourteen for \$1.00.

Gloxinia.

Gloxinias are among the handsomest of summer blooming greenhouse plants. Bulbs should be started in the spring in a warm place. They require partial shade, and a liberal supply of water when growing. After blooming, water should be withheld, and the bulbs remain dry through the winter. 25c.



GLOXINIA.

Geraniums.

No class of plants are better adapted for bedding purposes than the Geraniums, blooming as they do, throughout the entire summer, giving a constant supply of flowers until frost. We know of no plants that will give such entire satisfaction. While they are universally esteemed for summer decoration, they are also admirably adapted for winter blooming; for this purpose they should be grown in pots, and not allowed to bloom during the latter part of summer.

Some Geraniums of Special Merit.

The new varieties of the Double, or rather Semi-Double Geraniums, have now nearly all the compact habits and free flowering qualities of the single, with the advantage of their double flowers, being well adapted for bouquet purposes. Our collection embraces every variety worth cultivating, having been culled of all inferior sorts.

Double.

Bonne de Lamberterie. Very soft, rosy flesh color, trusses good size, florets large and beautiful.

Cte. Turati. Very large trusses; of a brilliant flame color.

Director W. Schule. Large semi-double flowers of madder red.

Edward Koch. Flowers large, of a brilliant cinnabar red, chestnut at the center; beautiful.

Esperance. A beautiful light flesh color, with salmon center; double.

Gen. Courcy. Enormous trusses; brick red, changing to salmon, marbled with white.

Glorie de France. Flowers large and double; rosy white, with dark salmon center; a grand distinct variety.

Golden Dawn. Large flowers, of a rich orange red; a fine variety.

Grand Chancellor Faidherbe. The flowers are very dark, and are very thick and double, of a dark scarlet, and heavily shaded with maroon; very dark and rich.

Le Poitevin. Bright cherry and Solferino red; large flowers, very fine.

Mrs. E. G. Hill. Pale blush, overlaid with a delicate lavender shade, truss and flowers large, fine.

M. Ghys. A lovely bright rose; large trusses; beautiful.

M. David. Bright carmine rose, upper petals marked white

M. Zeller. Large trusses of brilliant orange; dwarf habit

Mary Hill. Rich, deep pink, white center; good form and habit; very fine.

Princess D'Anhalt. Pure snow white, large trusses of perfect form; a free bloomer and good bedder; splendid.

Pres. Dutailly. Very dark amaranth, bordered with maroon.

S. A. Nutt. Rich, dark crimson; trusses large and well formed.

Single.

Arc-en-Ciel. Reddish lake, tinted fiery red, upper petals marked with orange.

Henry Martin. Orange red, large trusses.

John M. Clay. Dazzling scarlet, with base of petals marked white; good bedder.

Jules Ferry. Brilliant, dark red, large trusses, well formed.

M. A. Godard. Velvety purplish red, center capucine.

Mrs. Luise Voith. Beautiful pink color, with large, pure white eyes, free and fine.

Sam Sloan. Deep crimson scarlet, large trusses; a fine bedder.

10 cents each, set of 25 for \$2.25.

Double Geraniums.

These have been so improved the past few years that we now have in them all the shades of color and free blooming qualities of the single varieties, with the advantage of their double flowers being adapted for bouquet purposes, lasting twice as long when cut.

Bishop Wood. Rosy scarlet with decided purplish shade; one the best double bedding geraniums.

Candidissima Plena. Very large and double, petals round and imbricated, pure white; one of the best double whites for bedding purposes.

Double Gen. Grant. Semi-double, color dazzling scarlet; one of the best varieties for bedding.



GERANIUMS.

Dr. Phinney. Intense scarlet shaded with deepest chestnut crimson, trusses very large.

Ernest Lauth. Deep growing crimson, brightened with scarlet.

Heroine. A free flowering variety; producing immense tresses of fine, large and pure white flowers.

James Y. Murkland. Bright peach, rose center, broadly margined with white.

Lafayette. Compact trusses, flowers very double, bright rose lake, upper petals veined white, a beautiful and distinct sort.

La Pilote. Glowing crimson-scarlet, very brilliant; handsomely formed flowers, beautiful in their rich coloring.

Mrs. Chas. Pease. Habit dwarf; flowers of an exquisite deep pink color, with the upper petals of each flower distinctly marked with pure white.

Maggie Hallock. A deep pure pink, shaded rose, with reflex of petals silvery white.

Sunlight. Intense fiery salmon, shaded orange, large bold truss.

Single Geraniums.

Arc-en-Ceil. Reddish lake, tinted fiery red, upper petals marked with orange.

Avenir National. Scarlet lake, fine truss.

Cyclope. Trusses large, white, shaded salmon with an orange center plainly distinguished from the white and producing a beautiful effect. Plant floriferous.

Gen. Grant. Bright scarlet, fine bedder.

Gracie. White, with a distinct red ring around a small pure white eye.

Jealousy. Orange scarlet, with a decided orange hue; very large truss and abundant bloomer.

Mrs. James Vick. White edge, pinkish center; without an equal for winter.

Mrs. Moore. Pure white, with a beautiful ring of bright salmon around a small white eye; habit dwarf; free flowering, very desirable.

Master Christine. One of the brightest and best pink geraniums in cultivation, a free grower and profuse bloomer.

Mary Hallock Foote. Pale salmon with pure white eye, truss large, flowers fine.

New Life. Vivid scarlet, irregularly striped and flaked with white and salmon.

President Garfield. Trusses compact, flowers large, like carmine, border with deep red; upper petals marked with orange; a distinct variety.

Queen of the West. Orange scarlet, fine bedder, large truss and free bloomer.

Thomas Carlyle. Immense trusses, the center of the flower almost a clear vermillion, gradually shading to salmon and much lighter at the border.

William Cullen Bryant. Color a soft, rich, pure scarlet.

White Perfection. Pure white, free bloomer.

We grow Geraniums in three sizes.

4 in pots, per dozen, \$2.00, 20 cents each.
3 " " " 1.50, 15 " "
2 " " " 1.00, 10 " "

Our selections small size, 15 for \$1.00.

Geraniums with Variegated Foliage.

Corinne. Clear, golden yellow foliage, flowers double, fiery orange. 15 cents.

Distinction. Leaves deep green, encircled near the edge with a distinct narrow belt of deep black, giving the plant an unique and novel appearance. 10 cents.

Happy Thought. Center of the leaf creamy yellow, with a broad margin of deep green; flowers magenta; dwarf habit, valuable. 15 cents.

Mrs. Laing. Leaf green, with white border and white carmine zone, unlike nearly all of the silver tricolors, this variety makes a strong growth. 15 cents.

Mrs. Pollock. Ground color deep green; zone bronze crimson, the margin of which is flamed with scarlet. 20 cents.

Mad. Selloi. Very fine for massing or bordering, a thrifty healthy grower, rarely reaching a height of more than six inches, leaves very small, of a peculiar clear green, edged with pure white. 15 cents.

Marshal McMahon. Ground color of leaves a golden yellow, marked with deep chocolate zone, a good bedder, standing the sun well. 10 cents.

Mountain of Snow. Leaves bright green, broadly margined with pure white. 15 cents.

Mrs. Clutton. Creamy white margin, zone of red and black. 15 cents.

Prince Bismarck. Foliage yellowish green with narrow zone of deep chocolate. 10 cents.

Double Ivy-Leaved Geraniums.

These are the grandest of all house plants, or for baskets or vases on verandas in the open air; they are of the easiest growth and can be trained in one season on a trellis from two to six feet high and wide as desired, or can be grown to droop, being covered from January to October with a profusion of large trusses of double flowers, presenting nearly every shade to be found in Geraniums.

Joan of Arc. The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom. The foliage is extremely handsome, the dense glossy green leaves making a most effective background for the great clusters of snow white flowers.

La Rosiere. Immense trusses of large, full and well formed flowers, of a rich, warm, salmon pink color; surpasses in beauty all the colored varieties.

M. de Lesseps. Color, a beautiful shade of majenta rose.

Horace Choisel. Glowing salmon pink.

Mme. Thibaut. Very rich, deep rose.

La Printemps. Clear Salmon.

Scented Geraniums.

These are old favorites, and always in demand for their varied scents. Some of the varieties have also pretty flowers. *Dr. Livingston.* Fine cut leaved. 10 cents.

Lemon. Small, crisp leaves; strongly lemon scented. 10c.

Mrs. Taylor. A distinct variety, with a strong rose fragrance, and large, deep scarlet flowers, very free flowering. 10 cents.

Oak Leaved. Large leaves, with a broad, black mark. 10c.

Nutmeg. Free flowering, small leaves, resembling those of Apple Scented. 10 cents.

Rose. The common Rose Geranium. 10 cents.

Shrubland Pet. Fine, soft leaf, and carmine flowers. 10c.

Variegated Rose Scented. A sport from the rose scented variety; leaves bordered with white, sometimes assuming a pinkish tinge; very showy. 10 cents.

Heliotropes.

Nothing can take the place of Heliotrope in a bouquet; what they lack in brightness of color, they fully compensate for in their delicious fragrance. They are suited either for bedding out, or as pot plants, and the delicious flowers are used very largely at all seasons for floral work.

Florence Nightingale. Fine lavender.

Mrs. Livingstone. Dark violet blue.

Mad. de Blonay. Very large trusses of nearly pure white flowers, free bloomer, makes a beautiful pot plant.

Queen of Violets. Color of the deepest violet purple, with large, almost pure white eye. This is without doubt the finest dark variety we have seen, and will please all who grow it; an acquisition.

10 cents each.

Hibiscus.

Shrubby plants, with dark, glossy green foliage, and large, showy flowers, often measuring four inches in diameter, well adapted for bedding out, and form most gorgeous objects when in full bloom.

Brilliantissima. The largest flowered of all the single varieties; brilliant crimson scarlet, flushed with orange, the base of petals stained deep crimson, an extra fine variety, making fine specimens.

Cooperii Tricolor. Leaves variously mottled and veined with white, green, and crimson rose; a very ornamental foliage plant.

Grandiflora. Rosy crimson, darker towards the center, very large.

Lutea Plena. Double Orange, most distinct in appearance. 15c.

Rubra Fl. Pl. Dark red flowers of elegant form, large and Double.

Rosa Sinensis. Large, single red, very free in bloom.

Unless noted, 15 cents.

Hoya Carnosa.

Wax Plant.

An excellent climbing plant for house culture, with black fleshy leaves, bearing umbels of flesh-colored flowers. Care should be taken not to cut away the flower stems, as

they have the propensity of producing from the same, a second or more crop of flowers. 20 cents each, large plants 50 cents to \$1.00.

Hydrangeas.

Otaska. Similar in color to the common *H. Hortensis*, but much larger, flowering when the plants are quite small, stems terminated with panicles of carmine flowers. 15c.

Thomas Hogg. Flowers in large clusters, at first slightly tinged with green, changing to pure white, and remaining so a long time, a very desirable variety. 15 cents.

Paniculata Grandiflora. One of the finest hardy shrubs in cultivation, the flowers are white, and borne in large pyramidal panicles from eight to ten inches in length, it has no equal for cemetery decorations. Blooms from August until frost. 25 to 50 cents.

Ivies.

English. For winter in-door decoration, this is unsurpassed; also well adapted for baskets and vases. 10 to 50 cents.

Palmata. A very neat and pretty variety. The deeply divided leaves are much smaller than the preceding, and plants of less rampant growth. 10 to 50 cents.

New Silver Striped. Without a doubt the finest of all variegated Ivies; the leaves are heavily bordered with pure white, and the plant is of free growth. 25 cents.

German or Parlor. A rapid growing climbing plant, with yellow flowers. 25 cents.

Ipomea Noctiphiton.

Evening Glory, or Moon Flower.

A free growing climber, suitable for covering arbor's, verandas, decayed trees, etc. Flowers large pure white, five inches in diameter; very fragrant; and open at night and on cloudy days. 15 cents.

Impatiens Sultani.

One of the prettiest and most distinct flowering plants that has been introduced in a long time. Compact in habit, it carries its beautifully shaded rosy-carmine flowers in a conspicuous manner on the summit of the stems, and on account of its free blooming qualities, is very desirable either for bedding or pot culture. It is continually in bloom, and forms a splendid window plant for the house, withstanding the dry air well. 20 cents.

Jasminum.

Grandiflorum. A valuable winter blooming plant, with pure white star shaped flowers of exquisite fragrance. 15 cents.

Kenilworth Ivies.

A neat and delicate plant of trailing habit, with small, bright green, ivy shaped leaves; fine for hanging baskets. 10 cents.

Lantanas.

These useful, healthy, free blooming bedding plants are invaluable for the summer decoration of the garden, and are, in addition, easily managed and constant winter bloomers.

Alba Perfecta. Pure white.

Aurora. Reddish orange; changing to purplish crimson.

Don Calumet. Bright orange pink.

Cho. Lemon, changing to magenta; very large flower.

Innocence. Dwarf; light sulphur, changing to pure white.

Ignis. Of compact growth; a brilliant, fiery red, very free flowering.

Delicatissima. Pink lilac, trailing.



LANTANAS.

Golconde. Flowers very large; saffron, changing to buff orange; extra fine.

Harkett's Perfection. Foliage variegated with yellow; flowers lilac.

Globe D'Or. Flowers small, pure bright yellow; plant semi-dwarf and bushy; very free.

Triumph de Commerce. Bronzy yellow, with red center, tinted with lilac.

Le Patriot. Orange buff, changing to purple; a splendid variety.

10 cents each.

Laurestinus.

A small evergreen shrub, with an abundance of white flowers in flat compound cymes: valuable for winter decoration. 25 to 50 cents.

Lily of the Valley.

One of the most charming of spring flowering plants, producing in profusion its delicate bell shaped, delightfully fragrant white flowers. It will thrive in any common soil, and will do well in shady situations where few other plants will succeed. 10 cents each, 60 cents per dozen.

Libonia.

Flowers are cuphea-shaped, maroon, orange and yellow in color; in winter and spring the plant is one mass of bloom. Few plants are more attractive. 15 cents.

Lobelia.

Among the most useful plants for hanging baskets, or for the front or outside row in ribbon lines. Their dwarf habit, and the profusion of their flowers render them exceedingly ornamental.

Erimus Gracilis. Trailing blue. 10 cents each.

Erimus Compacta Oculata. Dark blue, with a distinct white eye. 10 cents.

Lilies.

Candidum. Large, snow-white fragrant blossoms. 25 cents.

Canadense. Our native lily; orange red. 25 cents.

Harrisii. [New.] The Easter Lily of Bermuda; flowers large, pure, white, trumpet-shaped, like *L. Longiflorum*, but larger. Its great value consists in its earliness and free blooming qualities; very valuable for forcing. 25 to 50 cents each.

Myrtus Communis.

Flore Plena. (Fragrant Leaved Myrtle.) Flowers white and very double; on large specimens they are produced in great abundance and make it a very attractive plant; flowers remain on plant a long time. 25 cents.

Bride's Myrtle. An evergreen greenhouse shrub with pure white flowers blooming in early spring. 15 cents.

Mesembryanthemums.

Erectum. Upright habit; long, narrow leaves; bright carmine flowers. 10 cents.

Glaucium. Deep violet pink; fine for carpet bedding. 10 cents.

Myrtle Crape.

Pink. A neat little tree bearing exquisitely fringed pink blossoms. 50 cents.

Myosotis.

Forget-Me-Not.

Neat and beautiful little plants with star-like flowers; succeed best in a shady, moist situation; the flowers are of a beautiful blue color. 15 cents each.

Myrsiphyllum Asparagoides.

Smilax.

The well-known and indispensable vine for using as a green with cut flowers, it has no equal, its hard texture enabling it to keep for several days without wilting after being cut. It is also fine as a parlor or winter plant. 10 cents.

Nierembergia Gracilis.

A well-known bedding plant of slender, grass-like habit, with blush white flowers an inch in diameter; flowers from June to November. 10 cents.

Othonna Crassifolia.

In habit it somewhat resembles some of our varieties of sedums. It is excellently adapted for carpeting the ground under shrubs or as a plant for baskets or vases. It has small, bright yellow, tassel-like flowers, which are borne in great profusion. 10 cents.

Oxalis.

Free flowering bulbous plants, suitable for baskets or grown as pot plants.

Pink, Dark, Rose, Yellow and White. 10 cents each.

Oleanders.

Well-known and popular plant, unsurpassed for hardiness, freedom of growth and beauty of flowers.

Madonna Grandiflora. Fully as large as the double pink and nearly as double, pure white strong habit. 25 cents.

Rosea Splendens. The common double; rose colored. 25 cents.

Large plants, 50 cents to \$1 each.

Pandanus Utilis,

Or Screw Pine.

The noble species of Pandanus is perhaps the most useful of our ornamental foliage plants. For majesty of form and gracefully arranged foliage, it is without a peer, while its vigorous constitution enables it to stand more neglect, without serious injury, than almost any other plant we know of. As an ornament for the window, its glossy dark green foliage, which glistens in the sunlight, renders it unusually attractive, while as a vase plant, or single specimen in greenhouse or conservatory, it cannot be surpassed. It is also largely used to decorate the halls in our finest private residences, and shows grandly on the lawn when grown to a sufficient size.

Price, 1 size 2 to 3 feet high.....\$5.00.

Price, 2 size, 2 to 2½ feet high..... 3.00.

Price, 3 size, 1 to 1½ feet high..... 1.00.

Price, 4 size, small plants..... .50.

Palms.

The following is a select list of rare and handsome varieties, which can be recommended as of easy culture for apartments, conservatory decoration, or vase plants during the summer.



DRACENA INDIVISA.

Areca Lutescens. Fine yellow stems; a beautiful palm of fine color and graceful habit: fine for table or greenhouse decoration. 50 cents to \$5.

Areca Rubra. Similar to above, except the stems being of a reddish brown color. \$1.

Cocos Plumosa. Graceful plummy fronds. \$3 to \$5.

Cocos Weddeliana. This is undoubtedly the most graceful palm yet introduced to our collection. The stem is slender; the leaves long and beautifully arched; the leaflets or pinnæ are very fine, deep green above, white below. Native of South America. For good, young plants, \$1.

Chamaedorea Elegans. Very odd leaves; rather broad. 75 cents.

Kentia Fosteriana. Of robust habit; leaves broad and very dark in color; distinct; one of the finest and most desirable palms. Specimen plants, \$5.

Latania Borbonica. (Fan Palm.) The most valuable of the fan palms, being very beautiful in all stages of growth. Adapted to all decorative purposes, either within or without doors. Fine for window or house culture. Should be in every collection. 50 cents to \$5.

Phoenix Reclinata. A fine greenhouse palm, large growing species, with fine spreading foliage. \$2 to \$5 each.

Seforthia Elegans. One of the handsomest of greenhouse plants; easy culture. 50 cents \$1 to \$5.



SEAFORTHIA ELEGANS.

We have several other varieties of palms in 2½ to 4 inch pots, and will give names and prices on application.

Pansies.

This lovely plant, a favorite with everyone, is too well known to need any description. Nothing can be more effective, whether grown in beds, ribbons, or interspersed among other plants in the border. It is also admirably adapted for pot culture for the decoration of the conservatory during the winter and spring months.

Trimardeau Pansies. An entirely distinct and beautiful new race, which will commend itself to all lovers of this popular flower. The plants are of vigorous, though compact habit; the flowers are carried well and each one is marked with three large blotches or spots. They are of refined form and present a notable difference from those of all known races in being of a size hitherto quite unattained in this genus. 10 cents each, \$1 per doz.

Mixed Pansies. 10c each, 50 per doz., by express only.

Primulas.

Chinese Primrose.

One of the most desirable winter blooming plants, well adapted to house culture.

Fimbriata. Bright rosy pink; very fine. 20 cents.

Fimbriata Alba. White. 20 cents.

Pilea Arborea.

A very neat and pretty plant, resembling some of the ferns in general appearance; its graceful habit makes it desirable for baskets and vases. 10 cents.

Petunias, Dreer's Double.

Few plants have so much improved as the Petunia. The double flowers are of very much greater size than the largest of the singles, and are very richly colored. They flower freely and continue often even after hard frost.

Babylon. Purple and mottled with white.

Dandy. White, delicately shaded and marked with bright dark rose color.

Exquisite. Delicate rose, edged white.

Snowdrift Improved. Pure white; very fine. 20 cents each, \$2 per doz.

Passiflora.

Passion Vine.

Cærulea. A beautiful, rapid growing vine, with large palmate leaves and handsome blue flowers. 15 cents.

Constance Elliott. This will become a very popular climbing plant. Like *Cærulea*, it will live from year to year in the open ground when well protected by mulching. The flowers are pure white, excepting a very slight coloring at the base of the corolla. To the list of cut flowers and climbing vines it is a decided acquisition. 20 cents.

Peperomia.

Pretty dwarf-growing plants, requiring partial shade and moisture; suitable for baskets, vases, ferneries, etc.

Resedæflora. This plant bears tiny, spire-like spikes of white flowers at the apex of pink stems, the lower portion of which are clothed with small velvet leaves. 20 cents.

Pomegranates.

James Vick. A dwarf free flowering shrub; flowers brilliant orange scarlet; very desirable for bedding out in summer, can be removed to the cellar in fall and kept dormant until spring. 15 cents.

Alba Plena. Similar in growth and habit to the preceding, with double creamy white flowers. 20 cents.

Plumbago.

Capensis. A most beautiful plant, producing freely throughout the summer and fall, large trusses of azure-blue flowers, forming a pleasing contrast to the numerous scarlet bedders. 15 cents.

Larpenæ. A perfect hardy sort, growing from six to eight inches high; flowers of the richest shade of indigo-blue, produced without interruption from July until frost, splendid for borders and edges. 15 cents.

Poinsettia Pulcherrima.

A tropical plant gorgeous beauty. On well-grown specimens the clusters of leaves or tracts that surround the flowers are a foot in diameter, of the most dazzling scarlet, in bloom from November to January. 25 cents.

Pelargonium.

This class is better known as Lady Washington Geraniums. The flowers are large, of the richest tints, with dark blotches on the upper petals. A description conveys a limited idea of their beauty. There are few cultivated plants that make more beautiful and satisfactory display when they receive the care and attention they need.

Beauty. Crimson maroon petals shaded to a white center; dark spot in center of each petal; strong grower, very and free bloomer.

Captivation. Pure White, dark spots.

Eclipse. Blackish maroon, edged crimson, light center.

John Bright. Cherry red, dark spots.

L'Avenir. Beautifully striped white and crimson.

Maddon's Victor. Upper petals almost black and very velvety; lower ones a bright lively crimson; center pure white, covering nearly one-half of bloom; florets extremely large and very showy. 15 cents each, unless noted.

Richardia Maculata.

The foliage resembles the Calla in shape, and is beautifully spotted white; the flowers are shaped like the Calla, pure white, shaded with violet inside. The bulbs may be kept dry in winter and starting like a Dahlia in spring. Fine for window culture or bedding out. 25 cents.

Salvias.

Very popular bedding plants, blooming from July until cut down by frost.

Apple-Scented. This plant will be highly appreciated when known, as it possesses the same strong apple scent as the well known Geranium; is of free growth, and produces numerous rich crimson flowers. 10 cents.

Marmarata Nana. A dwarf grower and very profuse bloomer; flowers beautifully marbled scarlet and white. 10c.

Splendens Gordonii. One of the finest of fall blooming plants, being completely covered in autumn with long spikes of dazzling scarlet flowers. 10 cents

Splendens Alba. A white flowering variety, forming a pleasing contrast when planted with the scarlet. 10 cents.

Stevias.

These are very useful for their pretty white flowers, produced in winter.

Serrata. Valuable for winter blooming, flowers fine white, in spikes, should have the tops nipped off at intervals through the summer, as recommended for Bouvardias. 10c.

Serrata Nana. Never grows over eighteen inches high, and produces a far denser mass of flowers than the old variety, the flowers are whiter, and it is a great improvement in every respect. 10 cents.

Serrata Variegata. Leaves variegated with creamy white, fine for bedding. 10 cents.

Stephanotis Floribunda.

One of the most charming hot-house climbers, growing rapidly, with long glossy deep green foliage, and producing clusters of pure white flowers, deliciously fragrant; very extensively used for cut flowers. 50 cents.

Tradescantia.

The following varieties of Tradescantia, often called Wandering Jew, have beautifully marked foliage, and are fine for hanging baskets and vases, or for house culture, as they will endure almost any hardship, if liberally supplied with water.

Alba Lineata. Same as above, with beautiful yellow lines running the full length of the leaves.

Multicolor. Leaves beautifully striped with white, crimson and bright olive green, sometimes sports.

Zebrina. Leaves dark green, with a silvery stripe. 10 cents each.

Tuberose.

Double. The Tuberose has become an almost indispensable article in its season; its pure waxy white color and delightful fragrance makes it the most popular of all flowers for bouquets and baskets. Our bulbs are very fine, and we guarantee that all will bloom if properly treated. 10 cents each, 14 for \$1.00; by express 75 cents per dozen.

Pearl. Its value over the common variety consists in its flowers being nearly double in size, imbricated like a rose and it is of a dwarf habit, growing only eighteen inches to two feet. The fragrance and color same as common sort. 10 cents each, 14 for \$1.00; by express 75 cents per dozen.

Torenia.

Fournieri. A delicate basket plant of trailing habit; flowers tubular, color dark blue, with a yellow throat. 15 cents.

Violets.

These lovely and sweet scented flowers are beautiful and the varieties now offered leave little to be desired.

Marie Louise. Double, deep violet blue, very fragrant and free flowering.

Swanley White. A sport from the popular and well known *Marie Louise*, similar in habit and freedom of flowering, but of a pure white color.

Victoria Regina. A single flowering violet, with dark purple flowers, very large, measuring 1½ inches across; exceedingly fragrant.

White Ozar. Very large, single; white, sweet scented. 10 cents each.

Verbenas.

The Verbena is one of the prettiest and most popular of all plants suitable for forming beds on the lawn. It commences to flower and spread from the first day the plants are set, until late in the autumn, every day becoming better and more handsome.



Aimee. Pale mauve, yellow eye.

Blue Boy. Deep blue.

Beauty of Oxford. Rosy pink.

Century. Dazzling scarlet, of immense size.

Damson. Rich purple mauve, white center.

Eva. White, flaked crimson.

Glow Worm. Brilliant scarlet.

Jean. Rosy pink, white center.

John Brown. Purple.

Mattie. White, pink center.

Mrs. Wooduff. Rich brilliant scarlet.

Fanny. Rose, large white eye.

VERBENAS.

Negro. Purplish black.

Rosy Morn. Carmine, white eye.

Purple Beauty. Purple, white eye.

Nelly Park. Orange scarlet.

Silver Plume. Pure white.

Scarlet Circle. Scarlet, white eye.

10 cents, 50 cents per dozen.

We are now growing the bulk of our verbenas from seed, as they give better satisfaction, are free from disease, stronger plants, and we procure the best seeds obtainable, we find that our seedling verbenas by far excel plants grown from cuttings, in color and brilliancy. They are all in bloom by time of planting, and can give our customers any color desired. Price same as named varieties and plants are twice as strong.

BEDDING PLANTS.

The below named are all well-known tested varieties of the leading plants that are used for "carpet bedding," "massing," "ribbon-line" planting or general bedding. We grow immense quantities of this class of stock, and we are in a position to execute the largest orders in a prompt, satisfactory manner, and at the lowest rates. Parties desiring large quantities will do well to write us, and we will make special prices.

Per 100.

Alternanthera (Parychoides) Major. "Rainbow Plant" \$6.00

Alternanthera, Aurea Nana. The finest yellow 6.00

Ageratum. Best blue 6.00

" "White Cap." Best white 6.00

" "Cope's Gem" 6.00

Achyranthus. Crimson, yellow, etc. 6.00

Caladium Esculentum. Large foliage \$12, \$25 and 50.00

Cannas. Large, tropical foliage; light and dark 10.00

" New French 20.00

Celeus, Verschaffelti. Crimson 6.00

" Golden Bedder. Yellow 6.00

" Hero. Black 6.00

" Kirkpatrick. Yellow and green 6.00

" "Black Dwarf." 8.00

Echeveria, Extensa Globosa 16.00

" Secunda, Californica, Retusa, etc. 9.00

Geranium, Gen. Grant. Best single scarlet 9.00

" Dbl. Gen. Grant. Best double scarlet 9.00

" Naomi. Best double pink 9.00

" Queen Olga. Best single pink 9.00

" Cand. Plena. Best double white 9.00

" Albion. Best single white 9.00

" Mt. Snow. Best silver leaved 9.00

Lobelias. Best dwarf; blue 4.00

Pansies. Finest mixed 4.00

Petunias. Finest double 10.00

" Finest single 5.00

Salvias. Scarlet, white, maroon and striped 6.00

Verbenas. Scarlet, white, blue, pink, etc. 4.00

Centaurea Candida and Gymnocarpa. (White leaved) . 8.00

Abridged List.

Lack of space prevents us giving extended descriptions of the following well known and useful plants.

	Each.	Per Doz.
Asparagus Tenuissimus. Fine filmy foliage, equal to maidenhair ferns; splendid for bouquets	25 cts.	\$2 25
Asters. All colors mixed. Ready May 1st	10	1.00
Alternantheras. Crimson, yellow maroon, etc.	10	.75
Allamanda Hendersonii. Large yellow flowers.	30	3.00
Antirrhinum. Choicest mixed, all colors.	10	1.00
Achyranthus. In variety.	10	1.00
Amaranthus. (Joseph's Coat.) 3 sorts.	10	1.00
Balsams. White and colored sorts. Ready May 1st.	10	1.00
Calla Lily. All flowering roots. 20c., 30c., and 50c. each; \$2.00, \$3.00 and \$4.50 per dozen.		
Cestrum Laurifolium. Night blooming Jessamine	15	1.50
Cineraria Hybrida. All Colors mixed.	15	1.50
Cyclamen Persicum. White, crimson pink, etc.	30	3.00
Castor Oil Bean. A tropical looking plant; fine for lawns in summer. Ready May 15th.	20	2.00
Cobea Scandens. Rapid growing climber; purple flowers.	20	2.00
Cuphea Platycentra (Segar Plant) and Hyssopifolia	10	1.00
Cockscombs. All colors mixed. Ready May 1st	10	.75
Calceolaria, "Shower of Gold." Finest yellow.	25	2.00
Calceolaria, Creole Queen. Finest maroon.	25	2.00
Dianthus. (Summer Garden Pinks) All shades of color.	10	.75
Daisies, Paris. White and yellow.	10	1.00
Euphorbia Splendens. "Crown of Thorns"	20	2.00
Eranthemums. Beautiful foliage plants; 3 varieties.	15	1.50

Eupatorium Riparium. White; winter flowering	10	1.00
Ficus Repens. Trailing plant.	20	2.00
Impatiens Sultana. Rose colored perennial Balsams.	20	2.00
Ivy, German. Fine for baskets, etc.	15	1.50
Jessamine. Cape, Grandiflorum, etc.	30	3.00
Lemon Verbena. Valued for its fragrant leaves	20	2.00
Libonia Perohiensis. Orange and crimson flowers.	15	1.50
Lobelia. Blue, etc.; upright and trailing	10	.75
Mesembryanthemums. In variety; beautiful succulents; fine for rock work, baskets, vases, etc.	10	1.00
Mahernia Odorata. Golden Honey Bell	15	1.50
Maderia Vine. Rapid climber, fragrant flowers.	5	.50
Nasturtiums. Tall and dwarf sorts.	10	1.00
Oxalis. Yellow, white and pink	10	1.00
Panicum Var. Drooping grass for baskets.	10	1.00
Pentstemons. Choice mixed varieties	20	2.00
Primula. (Prinrose) Single; mixed, all colors	20	2.00
Pilea Serpafolia. (Artillery Plants) and Reptans	10	1.00
Phlox Drummondii. All colors mixed.	10	1.00
Richardia Alba Maculata. "Spotted Calla"	20	2.00
Sedums. Fine for rock work. (Hardy).	10	1.00
Smilax. A twining plant, used for festooning.	10	1.00
Stevia. Three varieties; white flowers.	10	1.00
Succulent Plants. For rockeries, etc.	10	1.00
Torenia Asiatica. Blue tubular flower, beautiful	15	1.50
Thropæolum. Mixed varieties, crimson, yellow etc.	10	1.00
Tradescantias, Vulgaris, Repens, Multicolor, etc.	10	1.00
Vincas. Trailing sorts.	15	1.50
Vincas Alba and Rosea	15	1.50
Veronicus. Splendid plume-like flowers, white to deep purple.	15	1.50
Zinnias. Ready May 15th. All colors mixed	10	.75

CUT FLOWERS
A SPECIALTY.

To this branch of our business we would call special attention, as we are prepared at all times to furnish fresh cut flowers, grown in our own houses, which are far superior to flowers handled by commission dealers.

ARTISTIC ARRANGEMENT.

In the way of arranging cut flowers into designs of any shade desired, we stand second to none in the West, which is easily proven by our yearly increase and the demand for our floral work. Terms for cut flower work, strictly CASH. Orders by mail or telegraph, must state prices customers wish to pay. To accommodate such customers, we give an

APPROXIMATE PRICE LIST.

Bride's Bouquet of Choice Flowers, with lace and satin papers or silk fringe,	\$1 to \$5
Bridesmaids' Bouquets, with lace and satin,	1 to 3
Hand Bouquets, for parties,	75 cents 2
Table Bouquets,	50 cents 5
Bouttonnaires, 10c. to 25c. each, 50c. to \$2 per doz.	
Baskets, oval, with handles,	1 to 10
" oval or round, flat,	1 to 10
Anchors,	2 to 10
" on stands,	3 to 10
Bells,	5 to 15
Broken Columns,	5 to 15
Bow and Arrow,	3 to 8
Crosses,	1 to 10
" Maltese,	2 to 5
" on Stand,	3 to 10
Crowns, Flat,	2 to 5
" Round,	1 to 10
Faith, Hope and Charity, each separate, oblong base,	6 to 10

Faith, Hope and Charity, frames combine,	\$5 to \$10
Gates Ajar,	5 to 25
Harps,	3 to 5
" on Stands,	4 to 10
Hearts,	2 to 5
" on Stands,	3 to 8
Horseshoes,	2 to 5
Lyres,	3 to 15
" on Stand,	4 to 10
Masonic Designs—Square and Compass,	4 to 10
Monuments,	5 to 15
Odd Fellows' Design,	3 to 8
Pillows,	2 to 15
Sickles,	1 to 6
Stars,	2 to 5
" on Stand,	3 to 8
Wreaths,	1 to 8
" on Stand,	3 to 10



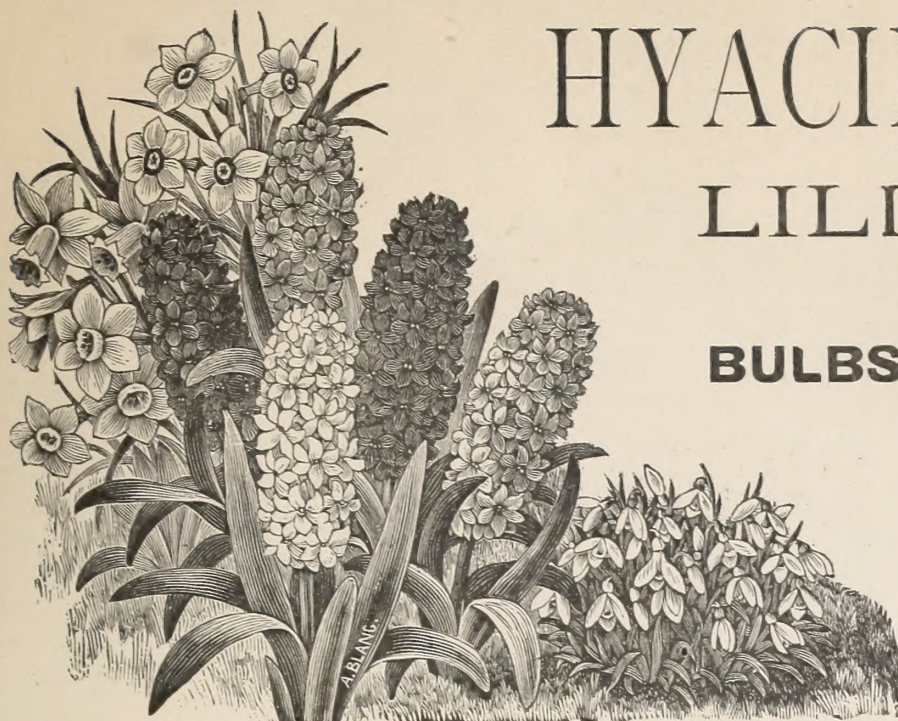
All kinds of cut flowers grown and on hand in their season. If any other design is wanted, not mentioned above, we can serve you in shortest possible time. Orders by letter or telegraph should be addressed to

Store Telephone, 445.

Greenhouse Telephone. 119.

MANGELSDORF BROS. CO.,

ATCHISON, KAS.



HYACINTHS, TULIPS, LILIES, CROCUS, AND OTHER BULBS FOR FALL PLANTING.

It should be borne in mind that the BULBS MUST BE SECURED AND PLANTED IN AUTUMN, whether they are wanted for flowering in the house for the holidays and Easter, or for a display out of doors in the early spring. Do not wait till spring comes, and you see your neighbor's yard the delight of all passers by, but order in time. Our stock of Bulbs arrives from Holland about September 20th.

LILIUM.

Harrisii (Bermuda Easter Lily).....Each \$.25 | Auratum (Golden Banded Lily).....Each \$.25

CHOICE NAMED HYACINTHS.

FOR FORCING OR OUT DOOR CULTURE.

SINGLE.

RED OR ROSE.

PER DOZ.

Amy, dark carmine\$1.50
Cosmos, dark rose..... 1.75
Dibbits, bright red..... 1.50
Gigantea, bright rose..... 1.75
Mad. Hodson, rose striped..... 1.50
Norma, rose pink, large belle.... 1.50
Robert Steyer, dark rose..... 1.50

WHITE.

Baroness von Thuyll, pure white.. 1.50
Mad. v. d. Hoop, pure white..... 1.75

BLUE.

Argus, dark blue, dark center..... 1.50
Baron v. Thuyll, violet..... 1.50
Charles Dickens, China blue..... 1.75
La Peyrouse, light..... 1.50
La Franchise, light blue..... 1.50

PER DOZ.

Marie, deep blue, tinged purple...\$1.50
Priestly, light porcelain..... 1.75
Rosseau, bluish white..... 1.50
William I, purplish black..... 1.50

YELLOW.

Canary Bird, pure yellow..... 2.00
Herman, orange yellow..... 2.00
Plue, d. or, pale yellow..... 2.00

DOUBLE.

ROSE OR RED.

Bouquet Tender, carmine rose.... 1.50
Grootvoorst, pale rose, d'k center. 1.50
L'esperence, rose striped..... 1.50
Lord Wellington, dark center.... 1.75
Noble par Merite, deep rose..... 1.50
Regina Victoria, salmon red..... 1.50

PER DOZ.

WHITE.

Anna Maria, creamy white, purple\$1.50
La Virginite, bluish white..... 1.75
La Tour d'Auvergne, pure white. 1.75
Ne plus ultra, violet center..... 1.50

BLUE.

Carl Kronprinz von Sweeden, rich 1.50
Garrick, bright..... 1.75
Mignon de Dryfhout, violet..... 1.50
Lord Wellington, dark center... 1.75

YELLOW.

Goethe, light yellow..... 2.00
William III, apricot yellow..... 2.00

MIXED HYACINTHS.

In separate colors, Double or Single,
75 cents per dozen.

TULIPS.

SINGLE.

PER DOZ.

Crimson King, scarlet.....\$.35
Bizard Verdict, red and yellow... .40
L'Immaculee, pure white..... .50
La Reine, white..... .40
Pottbaker, large, pure white.... .60
Wouverman, dark violet..... .35
All colors, mixed..... .30

DOUBLE.

PER DOZ.

Cousine, purplish violet..... .40
La Candeur, pure white..... .35
Murillo, rose..... .50
Rex Rubrorum, scarlet tip'd yel'w .50
Turnesol, red and yellow..... .50
All colors, mixed..... .30

PER DOZ.

Parrot Tuilps.

Mixed Colors..... .30

Duc Van Thuyl Tulips.

(The Earliest Tulip grown.)

Single mixed colors..... .30
Double mixed colors..... .30

CROCUS.

Violet.....per doz. 10c. per 100, 75c. | Yellow.....per doz. 10c. per 100, 75c.
White....." " " " | Cloth of Gold....." " " "
Blue....." " " " | All Colors Mixed...." " " "

MISCELLANEOUS BULBS.

PER DOZ. | PER DOZ.
Mixed Polyanthus Narcissus.....\$1.00 | Mixed Spanish Iris.....\$.25
Single Poets Narcissus..... .40 | Mixed Crown Imperials..... 1.00
Mixed Double Anemones..... .40 | Campanulata Jonquils..... .40
" Double Ranunculus..... .25 | Scilla Siberica, light blue..... .30
" English Iris..... .35 | Scilla Canparnolata, Mixed Colors..... .40



VEGETABLE

AND

FLOWER

SEEDS.

MANGELSDORF BROS. CO.,

OFFICE,

424 COMMERCIAL STREET,

GREENHOUSES,

COR. 10TH AND MOUND ST.



ATCHISON, KANSAS.